AMEC

PALOMAR STREET
(NB1016075P)

H&P PROJECT # AEE111513-11

H&P 8260SV LEVEL IV DATA PACKAGE

TPH ANALYTICAL DATA
11/15/13

Quantitation Report (Not Reviewed)

Data Path : E:\DATA\111513\
Data File : BLK1.D
Acq On : 15 Nov 2013 8:54 am
Operator : CS
Sample : EK31501-BLK1
Misc : 0.01
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 14 10:45:41 2014
Quant Method : C:\MSDCHEM\1\METHODS\METHODS\061812TPH.M
Quant Title : GC TPH Method by EPA 8260 GC/MS #3
QLast Update : Wed Mar 13 10:33:48 2013
Response via : Initial Calibration
InstName : GC MS #3

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	4.73	96	1074425	50.00 PPB	0.00
System Monitoring Compounds					
2) Dibromofluoromethane	4.26	113	204183	45.04 ppb	-0.04
3) 1,2-Dichloroethane-d4	4.50	65	213512	46.77 ppb	-0.02
4) Toluene-d8	5.84	98	923618	41.53 ppb	0.00
5) 4-Bromofluorobenzene	7.87	174	219167	40.14 ppb	0.00
Target Compounds					Qvalue
6) Gasoline (TPH)	3.38	TIC	3664818m	83.57 PPB	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\DATA\111513\
Data File : 8-SV-3.D
Acq On : 15 Nov 2013 9:12 am
Operator : CS
Sample : E311055-01
Misc : 0.01
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 14 10:45:35 2014
Quant Method : C:\MSDCHEM\1\METHODS\METHODS\061812TPH.M
Quant Title : GC TPH Method by EPA 8260 GC/MS #3
QLast Update : Wed Mar 13 10:33:48 2013
Response via : Initial Calibration
InstName : GC MS #3

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	4.73	96	988599	50.00 PPB	0.00
System Monitoring Compounds					
2) Dibromofluoromethane	4.27	113	172060	41.25 ppb	-0.03
3) 1,2-Dichloroethane-d4	4.51	65	186330	44.36 ppb	-0.02
4) Toluene-d8	5.84	98	868736	42.45 ppb	0.00
5) 4-Bromofluorobenzene	7.87	174	205586	40.92 ppb	0.00
Target Compounds					Qvalue
6) Gasoline (TPH)	3.38	TIC	5292246m	131.15 PPB	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\DATA\111513\
Data File : 9-SV-15.D
Acq On : 15 Nov 2013 9:30 am
Operator : CS
Sample : E311055-02
Misc : 0.01
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 14 10:45:37 2014
Quant Method : C:\MSDCHEM\1\METHODS\METHODS\061812TPH.M
Quant Title : GC TPH Method by EPA 8260 GC/MS #3
QLast Update : Wed Mar 13 10:33:48 2013
Response via : Initial Calibration
InstName : GC MS #3

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	4.73	96	969669	50.00 PPB	0.00
System Monitoring Compounds					
2) Dibromofluoromethane	4.27	113	178920	43.73 ppb	-0.03
3) 1,2-Dichloroethane-d4	4.50	65	195780	47.52 ppb	-0.02
4) Toluene-d8	5.84	98	802101	39.96 ppb	0.00
5) 4-Bromofluorobenzene	7.87	174	200712	40.73 ppb	0.00
Target Compounds					Qvalue
6) Gasoline (TPH)	3.38	TIC	5779793m	146.03 PPB	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\DATA\111513\
Data File : 9-SV-5.D
Acq On : 15 Nov 2013 9:48 am
Operator : CS
Sample : E311055-03
Misc : 0.01
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 14 10:45:39 2014
Quant Method : C:\MSDCHEM\1\METHODS\METHODS\061812TPH.M
Quant Title : GC TPH Method by EPA 8260 GC/MS #3
QLast Update : Wed Mar 13 10:33:48 2013
Response via : Initial Calibration
InstName : GC MS #3

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	4.74	96	1113697	50.00 PPB	0.00
System Monitoring Compounds					
2) Dibromofluoromethane	4.27	113	219914	46.80 ppb	-0.03
3) 1,2-Dichloroethane-d4	4.51	65	220671	46.63 ppb	-0.02
4) Toluene-d8	5.84	98	1020690	44.28 ppb	0.00
5) 4-Bromofluorobenzene	7.87	174	242053	42.77 ppb	0.00
Target Compounds					Qvalue
6) Gasoline (TPH)	3.38	TIC	3665886m	80.64 PPB	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\DATA\111513\
Data File : 7-SV-5.D
Acq On : 15 Nov 2013 10:20 am
Operator : CS
Sample : E311055-04
Misc : 0.01
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 14 10:45:33 2014
Quant Method : C:\MSDCHEM\1\METHODS\METHODS\061812TPH.M
Quant Title : GC TPH Method by EPA 8260 GC/MS #3
QLast Update : Wed Mar 13 10:33:48 2013
Response via : Initial Calibration
InstName : GC MS #3

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	4.74	96	1019223	50.00 PPB	0.00
System Monitoring Compounds					
2) Dibromofluoromethane	4.27	113	184499	42.90 ppb	-0.03
3) 1,2-Dichloroethane-d4	4.51	65	207936	48.01 ppb	-0.01
4) Toluene-d8	5.84	98	891288	42.25 ppb	0.00
5) 4-Bromofluorobenzene	7.88	174	213486	41.21 ppb	0.00
Target Compounds					Qvalue
6) Gasoline (TPH)	3.38	TIC	4601627m	110.61 PPB	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\DATA\111513\
Data File : 7-SV-15.D
Acq On : 15 Nov 2013 10:39 am
Operator : CS
Sample : E311055-05
Misc : 0.01
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 14 10:45:31 2014
Quant Method : C:\MSDCHEM\1\METHODS\METHODS\061812TPH.M
Quant Title : GC TPH Method by EPA 8260 GC/MS #3
QLast Update : Wed Mar 13 10:33:48 2013
Response via : Initial Calibration
InstName : GC MS #3

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	4.74	96	1003372	50.00	PPB	0.00
System Monitoring Compounds						
2) Dibromofluoromethane	4.27	113	184983	43.69	ppb	-0.03
3) 1,2-Dichloroethane-d4	4.51	65	199630	46.82	ppb	-0.02
4) Toluene-d8	5.85	98	973730	46.88	ppb	0.00
5) 4-Bromofluorobenzene	7.87	174	262430	51.46	ppb	0.00
Target Compounds						Qvalue
6) Gasoline (TPH)	3.38	TIC	36908802m	901.21	PPB	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\DATA\111513\
Data File : 6-SV-3.D
Acq On : 15 Nov 2013 10:58 am
Operator : CS
Sample : E311055-06
Misc : 0.01
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 14 10:45:29 2014
Quant Method : C:\MSDCHEM\1\METHODS\METHODS\061812TPH.M
Quant Title : GC TPH Method by EPA 8260 GC/MS #3
QLast Update : Wed Mar 13 10:33:48 2013
Response via : Initial Calibration
InstName : GC MS #3

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	4.74	96	1076921	50.00 PPB	0.00
System Monitoring Compounds					
2) Dibromofluoromethane	4.27	113	190136	41.84 ppb	-0.03
3) 1,2-Dichloroethane-d4	4.51	65	195655	42.76 ppb	-0.02
4) Toluene-d8	5.85	98	949417	42.59 ppb	0.00
5) 4-Bromofluorobenzene	7.88	174	222292	40.62 ppb	0.00
Target Compounds					Qvalue
6) Gasoline (TPH)	3.38	TIC	6087971m	138.50 PPB	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\DATA\111513\
Data File : 1-SV-5.D
Acq On : 15 Nov 2013 11:56 am
Operator : CS
Sample : E311055-07
Misc : 0.01
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 14 10:45:23 2014
Quant Method : C:\MSDCHEM\1\METHODS\METHODS\061812TPH.M
Quant Title : GC TPH Method by EPA 8260 GC/MS #3
QLast Update : Wed Mar 13 10:33:48 2013
Response via : Initial Calibration
InstName : GC MS #3

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	4.73	96	1045928	50.00 PPB	0.00
System Monitoring Compounds					
2) Dibromofluoromethane	4.27	113	176978	40.10 ppb	-0.03
3) 1,2-Dichloroethane-d4	4.51	65	200277	45.06 ppb	-0.02
4) Toluene-d8	5.84	98	888017	41.02 ppb	0.00
5) 4-Bromofluorobenzene	7.87	174	187737	35.32 ppb	0.00
Target Compounds					Qvalue
6) Gasoline (TPH)	3.38	TIC	3741024m	87.63 PPB	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\DATA\111513\
Data File : 1-SV-5 REP.D
Acq On : 15 Nov 2013 12:14 pm
Operator : CS
Sample : E311055-08
Misc : 0.01
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 14 10:45:21 2014
Quant Method : C:\MSDCHEM\1\METHODS\METHODS\061812TPH.M
Quant Title : GC TPH Method by EPA 8260 GC/MS #3
QLast Update : Wed Mar 13 10:33:48 2013
Response via : Initial Calibration
InstName : GC MS #3

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	4.74	96	1032393	50.00 PPB	0.00
System Monitoring Compounds					
2) Dibromofluoromethane	4.27	113	200982	46.14 ppb	-0.03
3) 1,2-Dichloroethane-d4	4.51	65	206547	47.08 ppb	-0.02
4) Toluene-d8	5.85	98	889183	41.61 ppb	0.00
5) 4-Bromofluorobenzene	7.88	174	198185	37.77 ppb	0.00
Target Compounds					Qvalue
6) Gasoline (TPH)	3.38	TIC	4496194m	106.70 PPB	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\DATA\111513\
Data File : 4-SV-15.D
Acq On : 15 Nov 2013 12:33 pm
Operator : CS
Sample : E311055-09
Misc : 0.01
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 14 10:45:25 2014
Quant Method : C:\MSDCHEM\1\METHODS\METHODS\061812TPH.M
Quant Title : GC TPH Method by EPA 8260 GC/MS #3
QLast Update : Wed Mar 13 10:33:48 2013
Response via : Initial Calibration
InstName : GC MS #3

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	4.74	96	935686	50.00 PPB	0.00
System Monitoring Compounds					
2) Dibromofluoromethane	4.27	113	187475	47.48 ppb	-0.03
3) 1,2-Dichloroethane-d4	4.51	65	196726	49.48 ppb	-0.02
4) Toluene-d8	5.85	98	889340	45.92 ppb	0.00
5) 4-Bromofluorobenzene	7.88	174	212076	44.60 ppb	0.00
Target Compounds					Qvalue
6) Gasoline (TPH)	3.38	TIC	7396376m	193.66 PPB	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\DATA\111513\
Data File : 4-SV-5.D
Acq On : 15 Nov 2013 1:37 pm
Operator : CS
Sample : E311055-10
Misc : 0.01
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 14 10:45:27 2014
Quant Method : C:\MSDCHEM\1\METHODS\METHODS\061812TPH.M
Quant Title : GC TPH Method by EPA 8260 GC/MS #3
QLast Update : Wed Mar 13 10:33:48 2013
Response via : Initial Calibration
InstName : GC MS #3

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	4.74	96	902655	50.00 PPB	0.00
System Monitoring Compounds					
2) Dibromofluoromethane	4.27	113	173131	45.46 ppb	-0.03
3) 1,2-Dichloroethane-d4	4.51	65	196423	51.21 ppb	-0.01
4) Toluene-d8	5.85	98	803794	43.02 ppb	0.00
5) 4-Bromofluorobenzene	7.88	174	194657	42.43 ppb	0.00
Target Compounds					Qvalue
6) Gasoline (TPH)	3.38	TIC	2837564m	77.02 PPB	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\DATA\111513\
Data File : 11-SV-15.D
Acq On : 15 Nov 2013 2:10 pm
Operator : CS
Sample : E311055-11
Misc : 0.01
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 14 10:45:11 2014
Quant Method : C:\MSDCHEM\1\METHODS\METHODS\061812TPH.M
Quant Title : GC TPH Method by EPA 8260 GC/MS #3
QLast Update : Wed Mar 13 10:33:48 2013
Response via : Initial Calibration
InstName : GC MS #3

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	4.73	96	1198674	50.00 PPB	0.00
System Monitoring Compounds					
2) Dibromofluoromethane	4.26	113	233367	46.14 ppb	-0.04
3) 1,2-Dichloroethane-d4	4.50	65	275249	54.04 ppb	-0.02
4) Toluene-d8	5.84	98	1071041	43.17 ppb	0.00
5) 4-Bromofluorobenzene	7.88	174	261905	42.99 ppb	0.00
Target Compounds					Qvalue
6) Gasoline (TPH)	3.38	TIC	4091756m	83.63 PPB	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\DATA\111513\
Data File : 11-SV-5.D
Acq On : 15 Nov 2013 2:32 pm
Operator : CS
Sample : E311055-12
Misc : 0.01
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 14 10:45:13 2014
Quant Method : C:\MSDCHEM\1\METHODS\METHODS\061812TPH.M
Quant Title : GC TPH Method by EPA 8260 GC/MS #3
QLast Update : Wed Mar 13 10:33:48 2013
Response via : Initial Calibration
InstName : GC MS #3

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	4.74	96	916958	50.00 PPB	0.00
System Monitoring Compounds					
2) Dibromofluoromethane	4.27	113	176787	45.69 ppb	-0.03
3) 1,2-Dichloroethane-d4	4.51	65	203909	52.34 ppb	-0.01
4) Toluene-d8	5.84	98	817360	43.06 ppb	0.00
5) 4-Bromofluorobenzene	7.88	174	196364	42.14 ppb	0.00
Target Compounds					Qvalue
6) Gasoline (TPH)	3.38	TIC	3553597m	94.95 PPB	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\DATA\111513\
Data File : 15-SV-15.D
Acq On : 15 Nov 2013 3:00 pm
Operator : CS
Sample : E311055-13
Misc : 0.01
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 14 10:45:15 2014
Quant Method : C:\MSDCHEM\1\METHODS\METHODS\061812TPH.M
Quant Title : GC TPH Method by EPA 8260 GC/MS #3
QLast Update : Wed Mar 13 10:33:48 2013
Response via : Initial Calibration
InstName : GC MS #3

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	4.73	96	895703	50.00 PPB	0.00
System Monitoring Compounds					
2) Dibromofluoromethane	4.26	113	182809	48.37 ppb	-0.04
3) 1,2-Dichloroethane-d4	4.50	65	201644	52.98 ppb	-0.02
4) Toluene-d8	5.84	98	773480	41.72 ppb	0.00
5) 4-Bromofluorobenzene	7.87	174	201815	44.33 ppb	0.00
Target Compounds					Qvalue
6) Gasoline (TPH)	3.38	TIC	3193051m	87.34 PPB	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\DATA\111513\
Data File : 15-SV-5.D
Acq On : 15 Nov 2013 3:19 pm
Operator : CS
Sample : E311055-14
Misc : 0.01
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 14 10:45:17 2014
Quant Method : C:\MSDCHEM\1\METHODS\METHODS\061812TPH.M
Quant Title : GC TPH Method by EPA 8260 GC/MS #3
QLast Update : Wed Mar 13 10:33:48 2013
Response via : Initial Calibration
InstName : GC MS #3

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	4.73	96	832284	50.00 PPB	0.00
System Monitoring Compounds					
2) Dibromofluoromethane	4.27	113	180330	51.35 ppb	-0.03
3) 1,2-Dichloroethane-d4	4.50	65	192882	54.54 ppb	-0.02
4) Toluene-d8	5.84	98	713399	41.41 ppb	0.00
5) 4-Bromofluorobenzene	7.87	174	180765	42.74 ppb	0.00
Target Compounds					Qvalue
6) Gasoline (TPH)	3.38	TIC	3015933m	88.78 PPB	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\DATA\111513\
Data File : 1-SV-10.D
Acq On : 15 Nov 2013 4:33 pm
Operator : CS
Sample : E311055-15
Misc : 0.01
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 14 10:45:19 2014
Quant Method : C:\MSDCHEM\1\METHODS\METHODS\061812TPH.M
Quant Title : GC TPH Method by EPA 8260 GC/MS #3
QLast Update : Wed Mar 13 10:33:48 2013
Response via : Initial Calibration
InstName : GC MS #3

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	4.73	96	1236527	50.00 PPB	0.00
System Monitoring Compounds					
2) Dibromofluoromethane	4.26	113	237695	45.56 ppb	-0.04
3) 1,2-Dichloroethane-d4	4.50	65	257251	48.96 ppb	-0.02
4) Toluene-d8	5.84	98	1074166	41.97 ppb	0.00
5) 4-Bromofluorobenzene	7.87	174	285999	45.51 ppb	0.00
Target Compounds					Qvalue
6) Gasoline (TPH)	3.38	TIC	6835917m	135.44 PPB	

(#) = qualifier out of range (m) = manual integration (+) = signals summed