

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120114\
 Data File : BG015563.D
 Acq On : 1 Dec 2014 15:35
 Operator : TP/JJ
 Sample : F4761-02 25X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SOILPILE001-111314-001

Manual Integrations
 APPROVED

mohammad
 12/3/2014 8:21:22 AM

Quant Time: Dec 02 01:27:50 2014
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 02 00:56:15 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	89530	20.00	ng/ul	0.00
16) Naphthalene-d8	10.55	136	353512	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.40	164	263762	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.15	188	636037	20.00	ng/ul	0.00
73) Chrysene-d12	21.32	240	880120	20.00	ng/ul	0.00
81) Perylene-d12	23.61	264	845068	20.00	ng/ul	-0.01

System Monitoring Compounds

3) Phenol-d5	6.94	99	11243	1.16	ng/ul	0.01
5) Bis-(2-Chloroethyl)ether-d	7.11	67	5620	0.94	ng/ul	0.00
7) 2-Chlorophenol-d4	7.30	132	6430	1.08	ng/ul	0.00
11) 4-Methylphenol-d8	8.46	113	7296	1.06	ng/ul	0.00
17) Nitrobenzene-d5	8.92	128	3325	1.16	ng/ul	0.00
20) 2-Nitrophenol-d4	9.64	143	4026	1.35	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.17	165	6210	1.11	ng/ul	0.00
27) 4-Chloroaniline-d4	10.69	131	774	0.11	ng/ul	0.00
41) Dimethylphthalate-d6	13.82	166	21838	1.17	ng/ul	0.00
44) Acenaphthylene-d8	14.09	160	24652	1.11	ng/ul	-0.01
49) 4-Nitrophenol-d4	14.59	143	3100	0.98	ng/ul	0.00
55) Fluorene-d10	15.40	176	23206	1.35	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.51	200	2466	0.73	ng/ul	0.00
68) Anthracene-d10	17.25	188	36272	1.21	ng/ul	0.00
74) Pyrene-d10	19.54	212	43936	1.17	ng/ul	0.00
85) Benzo(a)pyrene-d12	23.46	264	36605	0.96	ng/ul	-0.01

Target Compounds

						Qvalue
67) Phenanthrene	17.19	178	263743	8.11	ng/ul	98
69) Anthracene	17.28	178	64161m	1.95	ng/ul	
72) Fluoranthene	19.20	202	765986	17.52	ng/ul	98
75) Pyrene	19.57	202	676106	13.79	ng/ul	97
78) Benzo(a)anthracene	21.31	228	367242	7.24	ng/ul	96
80) Chrysene	21.37	228	378855	8.23	ng/ul	96
83) Benzo(b)fluoranthene	22.92	252	478533	9.45	ng/ul	93
84) Benzo(k)fluoranthene	22.96	252	164903m	3.44	ng/ul	
86) Benzo(a)pyrene	23.51	252	296829	6.14	ng/ul	98
87) Indeno(1,2,3-cd)pyrene	25.94	276	187334	3.37	ng/ul#	93
89) Benzo(g,h,i)perylene	26.65	276	147040	3.25	ng/ul	98

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

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