

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019662.D
 Acq On : 17 Nov 2015 16:11
 Operator : UM/NP
 Sample : G4323-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4HX7

Manual Integrations
 APPROVED

mohammad
 11/19/2015 8:26:43 AM

Quant Time: Nov 18 17:18:06 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 18 00:33:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	19553	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	90474	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	76029	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	220556	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	274473	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	262593	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	2366	5.17	ng/uL	0.00
5) Phenol-d5	7.30	99	53516	26.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	38082	29.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	33035	25.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	43456	26.20	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	18473	24.87	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	22485	26.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	43418	24.02	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	52482	30.58	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	203808	29.64	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	213782	28.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	33422	30.85	ng/ul	0.00
58) Fluorene-d10	15.77	176	186773	30.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	39278	27.57	ng/ul	0.00
71) Anthracene-d10	17.62	188	342949	32.03	ng/ul	0.00
79) Pyrene-d10	19.90	212	418855	33.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	463722	33.83	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	7.27	77	53750	36.82	ng/ul 94
10) 2-Chlorophenol	7.71	128	4136	3.30	ng/ul# 76
23) 2-Nitrophenol	10.08	139	28105	31.06	ng/ul 99
28) Naphthalene	11.03	128	32312	6.61	ng/ul# 95
31) Hexachlorobutadiene	11.30	225	24540	15.84	ng/ul 92
33) 4-Chloro-3-methylphenol	12.24	107	20987	8.74	ng/ul 93
35) 1-Methylnaphthalene	12.84	142	47858	12.32	ng/ul 90
37) 1,2,4,5-Tetrachlorobenzene	12.98	216	18973	6.23	ng/ul 100
39) 2,4,6-Trichlorophenol	13.23	196	24102	12.97	ng/ul 97
41) 1,1'-Biphenyl	13.62	154	118106	20.89	ng/ul 98
45) Dimethylphthalate	14.23	163	226182	33.17	ng/ul 100
46) 2,6-Dinitrotoluene	14.35	165	21115	15.48	ng/ul 96
53) 4-Nitrophenol	14.99	109	54505	41.28	ng/ul 100
54) Dibenzofuran	15.18	168	68482	9.17	ng/ul 96
64) 4,6-Dinitro-2-methylphenol	15.90	198	28521	18.85	ng/ul# 97
67) Hexachlorobenzene	16.83	284	21426	7.66	ng/ul# 88
69) Pentachlorophenol	17.17	266	28499	18.21	ng/ul 99
70) Phenanthrene	17.57	178	280506	23.76	ng/ul 100
72) Anthracene	17.66	178	119796	10.06	ng/ul 97
76) Di-n-butylphthalate	18.47	149	199943	16.13	ng/ul 99
77) Fluoranthene	19.56	202	313237	20.82	ng/ul 99
80) Pyrene	19.92	202	328873	20.52	ng/ul 99
84) Bis(2-ethylhexyl)phthalate	21.66	149	168298	21.77	ng/ul 96

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85) Chrysene	21.84	228	274186	17.50	ng/ul	96
91) Benzo(a)pyrene	24.95	252	241250	15.49	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.91	276	305777	17.54	ng/ul	95
93) Dibenzo(a,h)anthracene	28.97	278	162032m	11.31	ng/ul	

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

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