

Data Path : Z:\HPCHEM1\BNA_G\Data\BG012517\
 Data File : BG025652.D
 Acq On : 26 Jan 2017 3:33
 Operator : SJ/MA
 Sample : I1387-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA9Q7

Quant Time: Jan 26 10:11:24 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 25 18:08:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	96981	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	497962	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.81	164	328165	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.58	188	645158	20.00	ng/ul	0.03
75) Chrysene-d12	21.85	240	733037	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	734955	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	1224	0.63	ng/uL	0.00
5) Phenol-d5	7.37	99	68105	8.19	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.49	67	209526	39.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	181667	30.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	141343	20.00	ng/ul	0.01
19) Nitrobenzene-d5	9.36	128	131578	37.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	175917	41.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	260361	31.34	ng/ul	0.02
29) 4-Chloroaniline-d4	11.18	131	8972	0.97	ng/ul	0.03
43) Dimethylphthalate-d6	14.29	166	845024	36.46	ng/ul	0.08
46) Acenaphthylene-d8	14.51	160	1002025	40.03	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	4311	1.36	ng/ul	0.00
57) Fluorene-d10	15.80	176	793318	36.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.02	200	11436098	2873.78	ng/ul	0.08
70) Anthracene-d10	17.68	188	1121427	40.82	ng/ul	0.03
76) Pyrene-d10	19.94	212	1273631	41.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	1250263	40.47	ng/ul	0.01

Target Compounds

					Qvalue
4) Benzaldehyde	7.29	77	14040	2.45 ng/ul#	1
6) Phenol	7.40	94	21440	2.46 ng/ul#	86
11) 2-Methylphenol	8.64	108	17261	2.65 ng/ul	81
12) 2,2'-oxybis(1-Chloropropan	8.70	45	14289	1.21 ng/ul#	39
14) Acetophenone	9.02	105	43049	3.90 ng/ul	98
16) 4-Methylphenol	8.98	108	42361	5.94 ng/ul	92
17) Hexachloroethane	9.27	117	42107	15.57 ng/ul#	1
21) Isophorone	9.93	82	739119	34.82 ng/ul	98
24) 2,4-Dimethylphenol	10.21	107	21098	2.03 ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.42	93	14600	1.36 ng/ul#	1
28) Naphthalene	11.09	128	9296612	404.37 ng/ul#	16
30) 4-Chloroaniline	11.09	127	3122585	333.70 ng/ul#	24
33) 4-Chloro-3-methylphenol	12.31	107	18343	1.87 ng/ul#	41
34) 2-Methylnaphthalene	12.66	142	3122916	166.39 ng/ul	90
38) 2,4,6-Trichlorophenol	13.04	196	35044	5.86 ng/ul	87
39) 2,4,5-Trichlorophenol	13.35	196	2879108	458.93 ng/ul	96
40) 1,1'-Biphenyl	13.64	154	646928	31.81 ng/ul	97
47) Acenaphthylene	14.54	152	78776	3.23 ng/ul#	75
49) Acenaphthene	14.87	153	887428	51.11 ng/ul	97
52) 4-Nitrophenol	15.10	109	10894	2.48 ng/ul#	81
53) Dibenzofuran	15.21	168	1518407	56.91 ng/ul	95
54) 2,4-Dinitrotoluene	15.20	165	9846	1.38 ng/ul#	1
55) 2,3,4,6-Tetrachlorophenol	15.41	232	1745134	262.90 ng/ul	95

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58) Fluorene	15.86	166	887784	40.74	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	16.02	198	16887087	4116.45	ng/ul#	57
67) Atrazine	17.29	200	5301095	678.40	ng/ul#	35
68) Pentachlorophenol	17.29	266	13091415	3698.80	ng/ul#	64
69) Phenanthrene	17.62	178	2109430	67.26	ng/ul	94
71) Anthracene	17.71	178	221500	7.03	ng/ul	97
72) Carbazole	17.98	167	2930094	112.06	ng/ul#	86
74) Fluoranthene	19.60	202	245812	6.64	ng/ul	98
77) Pyrene	19.97	202	109801	3.05	ng/ul	97

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

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