

Data Path : Z:\HPCHEM1\BNA_G\Data\BG012517\
 Data File : BG025651.D
 Acq On : 26 Jan 2017 2:53
 Operator : SJ/MA
 Sample : I1387-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA9Q6

Quant Time: Jan 26 09:59:38 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	103389	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	519219	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.81	164	349720	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	662791	20.00	ng/ul	0.01
75) Chrysene-d12	21.85	240	740906	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	762628	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	4033	1.95	ng/uL	0.00
5) Phenol-d5	7.37	99	65367	7.38	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.49	67	209360	36.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	174346	27.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	132790	17.63	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	795	0.22	ng/ul	0.07
22) 2-Nitrophenol-d4	10.09	143	165191	37.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	247511	28.57	ng/ul	0.02
29) 4-Chloroaniline-d4	11.15	131	6466	0.67	ng/ul	0.00
43) Dimethylphthalate-d6	14.28	166	832522	33.71	ng/ul	0.08
46) Acenaphthylene-d8	14.51	160	994514	37.28	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	3629	1.07	ng/ul	0.02
57) Fluorene-d10	15.80	176	750142	32.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.02	200	12398372	3032.70	ng/ul	0.08
70) Anthracene-d10	17.66	188	1075996	38.13	ng/ul	0.01
76) Pyrene-d10	19.94	212	1204892	39.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	1204252	37.57	ng/ul	0.01

Target Compounds

						Qvalue
4) Benzaldehyde	7.29	77	15395	2.52	ng/ul#	1
6) Phenol	7.39	94	28392	3.05	ng/ul#	89
11) 2-Methylphenol	8.64	108	15496	2.23	ng/ul	97
14) Acetophenone	9.01	105	33172	2.82	ng/ul	89
17) Hexachloroethane	9.28	117	44264	15.36	ng/ul#	1
21) Isophorone	9.93	82	353526	15.97	ng/ul#	94
24) 2,4-Dimethylphenol	10.21	107	18007	1.67	ng/ul#	76
28) Naphthalene	11.09	128	9652474	402.66	ng/ul#	8
30) 4-Chloroaniline	11.09	127	3400635	348.54	ng/ul#	25
34) 2-Methylnaphthalene	12.66	142	3492767	178.47	ng/ul	91
38) 2,4,6-Trichlorophenol	13.26	196	9138	1.43	ng/ul	89
39) 2,4,5-Trichlorophenol	13.26	196	9138	1.37	ng/ul	98
40) 1,1'-Biphenyl	13.64	154	739853	34.14	ng/ul	96
47) Acenaphthylene	14.54	152	69444	2.67	ng/ul#	77
49) Acenaphthene	14.88	153	1051078	56.81	ng/ul	98
52) 4-Nitrophenol	14.87	109	5881	1.25	ng/ul	85
53) Dibenzofuran	15.21	168	1707683	60.06	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.44	232	490720	69.37	ng/ul#	98
58) Fluorene	15.86	166	967826	41.68	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	16.02	198	18105119	4295.94	ng/ul#	57
64) N-Nitrosodiphenylamine	16.02	169	3314590	193.99	ng/ul#	29
68) Pentachlorophenol	17.23	266	2022770	556.30	ng/ul	94
69) Phenanthrene	17.70	178	269827	8.38	ng/ul	98

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71) Anthracene	17.70	178	269827	8.33	ng/ul	98
72) Carbazole	17.98	167	3129016	116.48	ng/ul#	82
74) Fluoranthene	19.60	202	255360	6.72	ng/ul	98
77) Pyrene	19.97	202	121913	3.35	ng/ul#	95

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

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