

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031715\SOM01.2\
 Data File : BG016060.D
 Acq On : 17 Mar 2015 14:59
 Operator : TP/IZ
 Sample : SSTD01022
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD01022

Quant Time: Mar 21 00:33:12 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 21 00:15:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	64709	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	285273	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	175615	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	380473	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	447474	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	417491	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	6014	3.78	ng/uL	0.00
5) Phenol-d5	6.96	99	54782	8.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	30677	8.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	43543	9.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	41728	8.67	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	21590	9.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	19674	8.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	37520	8.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	54017	10.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	112914	9.67	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	158948	9.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	23616	8.20	ng/ul	0.00
57) Fluorene-d10	15.42	176	113176	9.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	14598	6.97	ng/ul	0.00
70) Anthracene-d10	17.27	188	177217	10.18	ng/ul	0.00
76) Pyrene-d10	19.56	212	196555	9.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	176221	9.57	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.32	88	7791	4.27	ng/ul 98
4) Benzaldehyde	6.95	77	33924	14.12	ng/ul 97
6) Phenol	6.99	94	61233	9.21	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.23	93	49094	9.52	ng/ul 98
10) 2-Chlorophenol	7.37	128	46514	9.67	ng/ul 99
11) 2-Methylphenol	8.24	108	43923	9.04	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.34	45	54779	7.98	ng/ul 99
14) Acetophenone	8.62	105	67711	9.44	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.60	70	35341	8.38	ng/ul 95
16) 4-Methylphenol	8.56	108	48797	9.03	ng/ul 96
17) Hexachloroethane	8.88	117	18017	9.63	ng/ul 96
20) Nitrobenzene	9.00	77	50175	9.32	ng/ul 97
21) Isophorone	9.52	82	98145	8.97	ng/ul 99
23) 2-Nitrophenol	9.71	139	23161	8.95	ng/ul 97
24) 2,4-Dimethylphenol	9.76	107	48168	9.20	ng/ul 94
25) Bis(2-Chloroethoxy)methane	10.00	93	61911	9.59	ng/ul 97
27) 2,4-Dichlorophenol	10.24	162	40159	9.63	ng/ul 97
28) Naphthalene	10.64	128	155334	10.40	ng/ul 98
30) 4-Chloroaniline	10.75	127	55110	10.28	ng/ul 98
31) Hexachlorobutadiene	10.93	225	22491	10.20	ng/ul 98
32) Caprolactam	11.49	113	17938	8.36	ng/ul 91
33) 4-Chloro-3-methylphenol	11.87	107	42454	8.62	ng/ul 95
34) 2-Methylnaphthalene	12.25	142	111411	10.45	ng/ul 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	45924	10.08	ng/ul#	98
37) Hexachlorocyclopentadiene	12.60	237	23425	8.49	ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	27457	9.18	ng/ul	100
39) 2,4,5-Trichlorophenol	12.93	196	27897	8.42	ng/ul	93
40) 1,1'-Biphenyl	13.27	154	137436	10.29	ng/ul	99
41) 2-Chloronaphthalene	13.31	162	103437	10.42	ng/ul	97
42) 2-Nitroaniline	13.51	65	25446	7.91	ng/ul	93
44) Dimethylphthalate	13.88	163	130702	10.22	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	24010	8.81	ng/ul	93
47) Acenaphthylene	14.15	152	181100	10.42	ng/ul	98
48) 3-Nitroaniline	14.33	138	27076	8.60	ng/ul	96
49) Acenaphthene	14.50	153	120416	10.46	ng/ul	97
50) 2,4-Dinitrophenol	14.54	184	8134	6.24	ng/ul	94
52) 4-Nitrophenol	14.63	109	13399	8.37	ng/ul	93
53) Dibenzofuran	14.83	168	162597	10.51	ng/ul	96
54) 2,4-Dinitrotoluene	14.79	165	35768	9.32	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.05	232	25557	8.84	ng/ul	98
56) Diethylphthalate	15.25	149	132718	10.06	ng/ul	99
58) Fluorene	15.48	166	140908	10.43	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.48	204	62615	10.06	ng/ul	99
60) 4-Nitroaniline	15.49	138	35401	9.47	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.55	198	17229	7.36	ng/ul	94
64) N-Nitrosodiphenylamine	15.69	169	119660	10.05	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	39270	9.92	ng/ul	94
66) Hexachlorobenzene	16.48	284	44400	9.96	ng/ul	93
67) Atrazine	16.63	200	41006	10.02	ng/ul	99
68) Pentachlorophenol	16.82	266	18795	7.45	ng/ul	98
69) Phenanthrene	17.21	178	222495	10.75	ng/ul	99
71) Anthracene	17.30	178	227868	10.69	ng/ul	98
72) Carbazole	17.57	167	216644	10.52	ng/ul	99
73) Di-n-butylphthalate	18.14	149	254999	10.61	ng/ul	99
74) Fluoranthene	19.22	202	256803	10.97	ng/ul	99
77) Pyrene	19.59	202	282126	10.71	ng/ul	99
78) Butylbenzylphthalate	20.49	149	104082	8.92	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.26	252	63664	7.56	ng/ul	98
80) Benzo(a)anthracene	21.33	228	260898	10.55	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.26	149	144873	9.32	ng/ul	98
82) Chrysene	21.38	228	248173	10.71	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	237261	9.54	ng/ul	100
85) Benzo(b)fluoranthene	22.95	252	240943	10.20	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	232880	10.22	ng/ul	99
88) Benzo(a)pyrene	23.54	252	239567	10.45	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.00	276	264642	9.67	ng/ul	99
90) Dibenzo(a,h)anthracene	26.01	278	224145	9.75	ng/ul	99
91) Benzo(g,h,i)perylene	26.73	276	226942	9.94	ng/ul	100

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

