

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
 Data File : BG017776.D
 Acq On : 6 Jul 2015 19:33
 Operator : TP/UM
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02033

Quant Time: Jul 07 01:46:12 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 06 18:17:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	95104	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	439502	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	268899	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	573781	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	576784	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	560404	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	17352	7.22	ng/uL	0.00
5) Phenol-d5	6.78	99	167527	20.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	101025	20.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	135294	19.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	132267	20.14	ng/ul	-0.01
19) Nitrobenzene-d5	8.75	128	67383	20.49	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.47	143	68750	20.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	125312	19.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	197369	23.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	346943	19.49	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	467503	19.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	71189	19.94	ng/ul	-0.02
57) Fluorene-d10	15.26	176	346872	19.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	47889	18.00	ng/ul	-0.02
70) Anthracene-d10	17.11	188	516690	19.76	ng/ul	0.00
78) Pyrene-d10	19.41	212	546500	19.93	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	478555	19.39	ng/ul	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	19883	8.07	ng/uL	98
4) Benzaldehyde	6.75	77	115603	23.07	ng/ul	94
6) Phenol	6.81	94	180377	20.89	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.04	93	134017	20.93	ng/ul	99
10) 2-Chlorophenol	7.17	128	134345	19.53	ng/ul	96
11) 2-Methylphenol	8.05	108	129364	20.48	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.14	45	206692	21.08	ng/ul	99
14) Acetophenone	8.42	105	194881	20.13	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.41	70	120064	19.72	ng/ul	95
16) 4-Methylphenol	8.38	108	143117	20.14	ng/ul	98
17) Hexachloroethane	8.68	117	56224	19.13	ng/ul	98
20) Nitrobenzene	8.79	77	169606	20.40	ng/ul	97
21) Isophorone	9.32	82	312047	20.00	ng/ul	96
23) 2-Nitrophenol	9.50	139	73656	20.45	ng/ul	95
24) 2,4-Dimethylphenol	9.57	107	160473	19.73	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.81	93	173537	19.62	ng/ul	98
27) 2,4-Dichlorophenol	10.03	162	122959	19.59	ng/ul	98
28) Naphthalene	10.43	128	441137	19.40	ng/ul	99
30) 4-Chloroaniline	10.54	127	192496	22.86	ng/ul	100
31) Hexachlorobutadiene	10.72	225	69133	19.04	ng/ul	89
32) Caprolactam	11.30	113	62308	20.80	ng/ul	88
33) 4-Chloro-3-methylphenol	11.68	107	148600	19.72	ng/ul	98
34) 2-Methylnaphthalene	12.05	142	310167	19.22	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	135094	19.22	ng/ul#	96
37) Hexachlorocyclopentadiene	12.41	237	70023	19.44	ng/ul	99
38) 2,4,6-Trichlorophenol	12.68	196	86671	19.27	ng/ul	98
39) 2,4,5-Trichlorophenol	12.74	196	100128	20.18	ng/ul	96
40) 1,1'-Biphenyl	13.08	154	393564	19.77	ng/ul	100
41) 2-Chloronaphthalene	13.12	162	297643	19.45	ng/ul	98
42) 2-Nitroaniline	13.33	65	107220	20.78	ng/ul	92
44) Dimethylphthalate	13.72	163	380030	19.22	ng/ul	99
45) 2,6-Dinitrotoluene	13.84	165	78490	19.88	ng/ul	99
47) Acenaphthylene	13.98	152	515088	19.65	ng/ul	99
48) 3-Nitroaniline	14.16	138	97202	21.28	ng/ul	95
49) Acenaphthene	14.32	153	343753	19.46	ng/ul	98
50) 2,4-Dinitrophenol	14.37	184	21343	14.38	ng/ul	92
52) 4-Nitrophenol	14.47	109	56896	19.98	ng/ul	98
53) Dibenzofuran	14.66	168	466509	19.59	ng/ul	99
54) 2,4-Dinitrotoluene	14.63	165	115476	20.71	ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	14.89	232	79982	19.88	ng/ul	95
56) Diethylphthalate	15.10	149	414932	19.39	ng/ul	99
58) Fluorene	15.31	166	407754	19.27	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.31	204	185504	18.85	ng/ul	98
60) 4-Nitroaniline	15.33	138	106737	20.50	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.39	198	50798	17.98	ng/ul	91
64) N-Nitrosodiphenylamine	15.53	169	345003	19.75	ng/ul	99
65) 4-Bromophenyl-phenylether	16.21	248	112125	19.58	ng/ul	94
66) Hexachlorobenzene	16.31	284	117627	19.55	ng/ul	89
67) Atrazine	16.48	200	122612	20.52	ng/ul#	93
68) Pentachlorophenol	16.66	266	33514	15.16	ng/ul	95
69) Phenanthrene	17.05	178	620305	19.78	ng/ul	98
71) Anthracene	17.14	178	637868	19.78	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.05	216	133125	19.63	ng/uL	93
73) Pentachlorobenzene	14.57	250	132418	19.18	ng/uL	97
74) Carbazole	17.41	167	589084	21.93	ng/ul	99
75) Di-n-butylphthalate	17.99	149	759514	20.48	ng/ul	99
76) Fluoranthene	19.08	202	679299	22.48	ng/ul	98
79) Pyrene	19.44	202	711146	20.20	ng/ul	99
80) Butylbenzylphthalate	20.36	149	328916	20.39	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.13	252	207222	20.82	ng/ul	97
82) Benzo(a)anthracene	21.19	228	642289	20.21	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.14	149	461141	20.46	ng/ul	99
84) Chrysene	21.24	228	585161	19.44	ng/ul	99
86) Di-n-octyl phthalate	22.01	149	744593	22.40	ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	630536	19.69	ng/ul	98
88) Benzo(k)fluoranthene	22.81	252	590687	19.57	ng/ul	99
90) Benzo(a)pyrene	23.33	252	598646	19.67	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.67	276	631051	18.99	ng/ul	98
92) Dibenzo(a,h)anthracene	25.69	278	531928	18.95	ng/ul	98
93) Benzo(g,h,i)perylene	26.37	276	524323	18.86	ng/ul	98

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

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