

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
 Data File : BG032213.D
 Acq On : 22 Jan 2018 15:39
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02082

Quant Time: Jan 22 17:24:24 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG012218.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 22 17:12:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	39751	20.00	ng/ul	0.00
18) Naphthalene-d8	11.61	136	168956	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.36	164	120395	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.09	188	290811	20.00	ng/ul	0.00
77) Chrysene-d12	22.43	240	368271	20.00	ng/ul	0.00
85) Perylene-d12	26.11	264	389024	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.78	96	5180	7.89	ng/uL	0.00
5) Phenol-d5	7.84	99	55110	20.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.01	67	26835	20.82	ng/ul	0.00
9) 2-Chlorophenol-d4	8.24	132	53046	20.82	ng/ul	0.00
13) 4-Methylphenol-d8	9.43	113	51906	20.93	ng/ul	0.00
19) Nitrobenzene-d5	9.92	128	23774	19.31	ng/ul	0.00
22) 2-Nitrophenol-d4	10.66	143	30492	20.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.21	165	65989	20.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.73	131	54794	24.26	ng/ul	0.00
43) Dimethylphthalate-d6	14.74	166	198171	19.71	ng/ul	0.00
46) Acenaphthylene-d8	15.06	160	245489	19.92	ng/ul	0.00
51) 4-Nitrophenol-d4	15.51	143	24856	18.56	ng/ul	0.00
57) Fluorene-d10	16.34	176	183494	19.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.44	200	34503	19.23	ng/ul	0.00
70) Anthracene-d10	18.19	188	279128	19.96	ng/ul	0.00
78) Pyrene-d10	20.43	212	339090	19.84	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.86	264	356214	19.81	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.82	88	5678	7.612	ng/uL 96
4) Benzaldehyde	7.82	77	33778	24.845	ng/ul 92
6) Phenol	7.86	94	56285	21.025	ng/ul 93
8) Bis(2-Chloroethyl)ether	8.11	93	37155	19.739	ng/ul 93
10) 2-Chlorophenol	8.28	128	47824	19.864	ng/ul# 88
11) 2-Methylphenol	9.16	108	43502	20.417	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	9.26	45	37458	19.985	ng/ul# 92
14) Acetophenone	9.57	105	72544	20.879	ng/ul 94
15) N-Nitroso-di-n-propylamine	9.54	70	31833	19.630	ng/ul 90
16) 4-Methylphenol	9.49	108	49708	21.313	ng/ul 89
17) Hexachloroethane	9.85	117	18698	19.675	ng/ul# 51
20) Nitrobenzene	9.97	77	49505	19.974	ng/ul# 84
21) Isophorone	10.49	82	89465	20.042	ng/ul# 87
23) 2-Nitrophenol	10.70	139	32038	21.163	ng/ul# 85
24) 2,4-Dimethylphenol	10.73	107	60185	19.841	ng/ul 92
25) Bis(2-Chloroethoxy)methane	10.97	93	54641	19.302	ng/ul 97
27) 2,4-Dichlorophenol	11.24	162	60998	20.000	ng/ul# 95
28) Naphthalene	11.66	128	156228	20.269	ng/ul 98
30) 4-Chloroaniline	11.75	127	54432	24.837	ng/ul 99
31) Hexachlorobutadiene	11.93	225	52783	19.146	ng/ul 98
32) Caprolactam	12.48	113	17622	22.341	ng/ul# 69
33) 4-Chloro-3-methylphenol	12.83	107	55830	20.227	ng/ul 86
34) 2-Methylnaphthalene	13.22	142	130134	19.852	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.58	216	100976	18.810	ng/ul#	93
37) Hexachlorocyclopentadiene	13.55	237	39380	17.003	ng/ul#	98
38) 2,4,6-Trichlorophenol	13.80	196	60571	19.532	ng/ul	98
39) 2,4,5-Trichlorophenol	13.88	196	63330	19.784	ng/ul	97
40) 1,1'-Biphenyl	14.20	154	185005	19.471	ng/ul#	96
41) 2-Chloronaphthalene	14.25	162	147665	19.383	ng/ul	99
42) 2-Nitroaniline	14.44	65	31250	20.540	ng/ul	89
44) Dimethylphthalate	14.79	163	188982	19.588	ng/ul	100
45) 2,6-Dinitrotoluene	14.92	165	40184	20.401	ng/ul	93
47) Acenaphthylene	15.09	152	209123	19.462	ng/ul	98
48) 3-Nitroaniline	15.25	138	30594	21.278	ng/ul#	87
49) Acenaphthene	15.43	153	152272	19.416	ng/ul	99
50) 2,4-Dinitrophenol	15.45	184	13940	13.692	ng/ul#	38
52) 4-Nitrophenol	15.53	109	24514	19.846	ng/ul#	88
53) Dibenzofuran	15.76	168	234368	19.840	ng/ul	95
54) 2,4-Dinitrotoluene	15.70	165	58060	20.386	ng/ul#	93
55) 2,3,4,6-Tetrachlorophenol	15.97	232	63043	20.583	ng/ul#	94
56) Diethylphthalate	16.13	149	178815	19.584	ng/ul	98
58) Fluorene	16.40	166	188527	20.131	ng/ul	97
59) 4-Chlorophenyl-phenylether	16.38	204	118457	20.036	ng/ul	97
60) 4-Nitroaniline	16.40	138	34718	20.946	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	16.45	198	35720	19.101	ng/ul#	90
64) N-Nitrosodiphenylamine	16.59	169	162056	19.599	ng/ul	99
65) 4-Bromophenyl-phenylether	17.27	248	81899	19.557	ng/ul	96
66) Hexachlorobenzene	17.39	284	85020	19.549	ng/ul	96
67) Atrazine	17.51	200	75531	20.316	ng/ul	98
68) Pentachlorophenol	17.74	266	38482	17.742	ng/ul	94
69) Phenanthrene	18.14	178	303209	19.813	ng/ul	99
71) Anthracene	18.23	178	314032	19.997	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	14.18	216	104416	18.852	ng/ul	97
73) Pentachlorobenzene	15.67	250	111637	19.174	ng/ul	96
74) Carbazole	18.49	167	250739	20.604	ng/ul	100
75) Di-n-butylphthalate	19.00	149	289290	20.159	ng/ul	99
76) Fluoranthene	20.10	202	403635	21.383	ng/ul#	92
79) Pvrene	20.46	202	415023	19.963	ng/ul#	91
80) Butylbenzylphthalate	21.32	149	133512	19.715	ng/ul#	86
81) 3,3'-Dichlorobenzidine	22.30	252	124055	21.070	ng/ul#	96
82) Benzo(a)anthracene	22.41	228	441222	19.820	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	22.25	149	193446	20.129	ng/ul#	96
84) Chrysene	22.48	228	401597	19.875	ng/ul	99
86) Di-n-octyl phthalate	23.62	149	329844	20.330	ng/ul	100
87) Benzo(b)fluoranthene	24.93	252	464933	20.229	ng/ul#	98
88) Benzo(k)fluoranthene	25.00	252	448030	19.844	ng/ul#	95
90) Benzo(a)pyrene	25.94	252	442439	19.945	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	30.37	276	486846	19.394	ng/ul#	94
92) Dibenzo(a,h)anthracene	30.47	278	390092	18.994	ng/ul#	94
93) Benzo(g,h,i)perylene	31.72	276	387947	19.414	ng/ul#	94

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

