

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110917\
 Data File : BG030892.D
 Acq On : 9 Nov 2017 22:42
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02051

Quant Time: Nov 10 01:25:35 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 10 01:20:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	56381	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	251212	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	171101	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	448275	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	508525	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	500493	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	9234	6.66	ng/uL	0.00
5) Phenol-d5	7.31	99	87801	16.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	50056	14.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	72444	18.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	74513	17.05	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	36329	20.14	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	42703	23.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	81876	19.45	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	100257	20.49	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	256260	17.52	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	326549	18.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	47718	17.67	ng/ul	0.00
57) Fluorene-d10	15.76	176	248175	20.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	52597	24.04	ng/ul	0.00
70) Anthracene-d10	17.61	188	401492	18.94	ng/ul	0.00
76) Pyrene-d10	19.88	212	490541	18.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	444704	18.76	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.56	88	9728	5.751	ng/uL# 78
4) Benzaldehyde	7.28	77	55716	16.663	ng/ul 94
6) Phenol	7.34	94	92831	16.579	ng/ul 95
8) Bis(2-Chloroethyl)ether	7.56	93	66359	15.568	ng/ul 88
10) 2-Chlorophenol	7.71	128	70662	18.108	ng/ul 91
11) 2-Methylphenol	8.60	108	68242	16.301	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.68	45	105063	16.818	ng/ul# 97
14) Acetophenone	8.97	105	110897	16.615	ng/ul 89
15) N-Nitroso-di-n-propylamine	8.95	70	56940	15.395	ng/ul 96
16) 4-Methylphenol	8.92	108	76420	16.756	ng/ul 100
17) Hexachloroethane	9.24	117	26993	17.324	ng/ul# 83
20) Nitrobenzene	9.36	77	81744	16.625	ng/ul# 88
21) Isophorone	9.88	82	159346	15.338	ng/ul 95
23) 2-Nitrophenol	10.08	139	44559	21.731	ng/ul# 77
24) 2,4-Dimethylphenol	10.13	107	85395	17.125	ng/ul 91
25) Bis(2-Chloroethoxy)methane	10.36	93	96077	15.364	ng/ul# 96
27) 2,4-Dichlorophenol	10.62	162	81568	20.230	ng/ul 97
28) Naphthalene	11.02	128	234639	17.652	ng/ul 98
30) 4-Chloroaniline	11.12	127	98907	20.661	ng/ul 99
31) Hexachlorobutadiene	11.30	225	59466	23.610	ng/ul 98
32) Caprolactam	11.87	113	29625	17.167	ng/ul 89
33) 4-Chloro-3-methylphenol	12.24	107	83208	17.589	ng/ul 89
34) 2-Methylnaphthalene	12.61	142	183337	16.662	ng/ul 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	116592	22.995	ng/ul	92
37) Hexachlorocyclopentadiene	12.95	237	28481	10.656	ng/ul	94
38) 2,4,6-Trichlorophenol	13.21	196	78551	22.362	ng/ul	98
39) 2,4,5-Trichlorophenol	13.30	196	80464	21.695	ng/ul	92
40) 1,1'-Biphenyl	13.61	154	245764	17.422	ng/ul	97
41) 2-Chloronaphthalene	13.65	162	198189	18.561	ng/ul	95
42) 2-Nitroaniline	13.85	65	57131	17.080	ng/ul#	87
44) Dimethylphthalate	14.21	163	258556	18.122	ng/ul	99
45) 2,6-Dinitrotoluene	14.34	165	57148	22.899	ng/ul#	87
47) Acenaphthylene	14.49	152	313565	17.279	ng/ul	96
48) 3-Nitroaniline	14.67	138	58958	21.804	ng/ul#	82
49) Acenaphthene	14.83	153	213363	17.185	ng/ul	99
50) 2,4-Dinitrophenol	14.89	184	29841	22.341	ng/ul#	81
52) 4-Nitrophenol	14.99	109	35627	17.483	ng/ul#	82
53) Dibenzofuran	15.16	168	317066	18.680	ng/ul	93
54) 2,4-Dinitrotoluene	15.13	165	85975	23.563	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.39	232	80098	24.559	ng/ul	93
56) Diethylphthalate	15.56	149	263587	17.928	ng/ul	97
58) Fluorene	15.81	166	256731	18.960	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.79	204	146456	22.989	ng/ul	88
60) 4-Nitroaniline	15.83	138	68513	20.611	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.89	198	54907	23.749	ng/ul#	76
64) N-Nitrosodiphenylamine	16.01	169	233701	17.479	ng/ul	99
65) 4-Bromophenyl-phenylether	16.69	248	100878	22.306	ng/ul#	89
66) Hexachlorobenzene	16.82	284	111755	24.152	ng/ul#	90
67) Atrazine	16.95	200	100842	19.860	ng/ul	94
68) Pentachlorophenol	17.16	266	53742	19.495	ng/ul	95
69) Phenanthrene	17.55	178	442894	18.276	ng/ul	97
71) Anthracene	17.64	178	464286	18.569	ng/ul	99
72) Carbazole	17.91	167	417833	18.591	ng/ul	98
73) Di-n-butylphthalate	18.45	149	485715	17.987	ng/ul	99
74) Fluoranthene	19.55	202	588033	21.712	ng/ul	99
77) Pyrene	19.91	202	600878	17.631	ng/ul	100
78) Butylbenzylphthalate	20.77	149	233161	16.872	ng/ul	86
79) 3,3'-Dichlorobenzidine	21.67	252	200663	21.564	ng/ul#	97
80) Benzo(a)anthracene	21.76	228	605117	18.988	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.64	149	323140	16.136	ng/ul#	99
82) Chrysene	21.83	228	541817	18.711	ng/ul	99
84) Di-n-octyl phthalate	22.87	149	534806	15.971	ng/ul	100
85) Benzo(b)fluoranthene	24.04	252	581070	19.339	ng/ul#	97
86) Benzo(k)fluoranthene	24.11	252	554810	19.098	ng/ul#	97
88) Benzo(a)pyrene	24.93	252	555778	19.003	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	28.88	276	655332	19.805	ng/ul	96
90) Dibenzo(a,h)anthracene	28.93	278	553341	20.130	ng/ul	95
91) Benzo(g,h,i)perylene	30.07	276	541831	19.754	ng/ul	95

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

