

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
 Data File : BG030808.D
 Acq On : 7 Nov 2017 12:35
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02091

Quant Time: Nov 07 13:14:59 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 08:04:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	73030	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	341896	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	220312	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	507788	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	503843	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	515570	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	11730	6.53	ng/uL	0.00
5) Phenol-d5	7.32	99	118206	16.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	68459	15.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	96561	19.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	99822	17.63	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	48189	19.63	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	53872	21.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	111056	19.38	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	132660	19.93	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	326761	17.35	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	422082	18.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	53694	15.44	ng/ul	0.00
57) Fluorene-d10	15.76	176	313276	20.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	14166	5.72	ng/ul	0.00
70) Anthracene-d10	17.62	188	455128	18.95	ng/ul	0.00
76) Pyrene-d10	19.89	212	483294	18.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	453237	18.56	ng/ul	0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.58	88	12996	5.932	ng/uL# 87
4) Benzaldehyde	7.29	77	75169	17.356	ng/ul 93
6) Phenol	7.35	94	123654	17.049	ng/ul# 87
8) Bis(2-Chloroethyl)ether	7.56	93	89766	16.259	ng/ul 87
10) 2-Chlorophenol	7.72	128	95201	18.835	ng/ul# 88
11) 2-Methylphenol	8.60	108	91779	16.926	ng/ul 89
12) 2,2'-oxybis(1-Chloropropan	8.69	45	146332	18.084	ng/ul 97
14) Acetophenone	8.98	105	144096	16.668	ng/ul 91
15) N-Nitroso-di-n-propylamine	8.96	70	74665	15.585	ng/ul# 96
16) 4-Methylphenol	8.93	108	102046	17.273	ng/ul 99
17) Hexachloroethane	9.25	117	35381	17.531	ng/ul 93
20) Nitrobenzene	9.36	77	109551	16.371	ng/ul# 89
21) Isophorone	9.89	82	216878	15.339	ng/ul 97
23) 2-Nitrophenol	10.08	139	57389	20.564	ng/ul# 79
24) 2,4-Dimethylphenol	10.13	107	114151	16.820	ng/ul 87
25) Bis(2-Chloroethoxy)methane	10.36	93	128809	15.135	ng/ul# 97
27) 2,4-Dichlorophenol	10.63	162	106798	19.462	ng/ul 96
28) Naphthalene	11.03	128	314009	17.357	ng/ul 99
30) 4-Chloroaniline	11.13	127	132729	20.372	ng/ul 97
31) Hexachlorobutadiene	11.30	225	79087	23.072	ng/ul 99
32) Caprolactam	11.88	113	38539	16.409	ng/ul 91
33) 4-Chloro-3-methylphenol	12.25	107	109411	16.993	ng/ul# 89
34) 2-Methylnaphthalene	12.62	142	247796	16.547	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.98	216	148644	22.768	ng/ul#	91
37) Hexachlorocyclopentadiene	12.96	237	4323	1.256	ng/ul#	96
38) 2,4,6-Trichlorophenol	13.22	196	97562	21.570	ng/ul	95
39) 2,4,5-Trichlorophenol	13.30	196	104707	21.925	ng/ul	97
40) 1,1'-Biphenyl	13.61	154	325037	17.895	ng/ul	97
41) 2-Chloronaphthalene	13.66	162	263960	19.198	ng/ul	97
42) 2-Nitroaniline	13.86	65	71433	16.586	ng/ul#	83
44) Dimethylphthalate	14.22	163	324572	17.667	ng/ul	98
45) 2,6-Dinitrotoluene	14.35	165	66284	20.627	ng/ul	88
47) Acenaphthylene	14.50	152	409928	17.543	ng/ul	96
48) 3-Nitroaniline	14.67	138	71988	20.676	ng/ul#	84
49) Acenaphthene	14.84	153	279380	17.476	ng/ul	99
50) 2,4-Dinitrophenol	14.90	184	4700	2.733	ng/ul#	86
52) 4-Nitrophenol	14.99	109	37919	14.451	ng/ul#	81
53) Dibenzofuran	15.17	168	404339	18.500	ng/ul	92
54) 2,4-Dinitrotoluene	15.13	165	91670	19.512	ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	15.40	232	93813	22.339	ng/ul#	88
56) Diethylphthalate	15.57	149	327617	17.306	ng/ul	97
58) Fluorene	15.82	166	326168	18.707	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.80	204	176078	21.465	ng/ul	92
60) 4-Nitroaniline	15.84	138	76209	17.805	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.90	198	14963	5.713	ng/ul#	86
64) N-Nitrosodiphenylamine	16.02	169	283829	18.740	ng/ul	97
65) 4-Bromophenyl-phenylether	16.70	248	115554	22.557	ng/ul	93
66) Hexachlorobenzene	16.83	284	125366	23.918	ng/ul#	91
67) Atrazine	16.95	200	116658	20.283	ng/ul	95
68) Pentachlorophenol	17.17	266	58149	18.621	ng/ul	94
69) Phenanthrene	17.56	178	505623	18.419	ng/ul	99
71) Anthracene	17.65	178	524013	18.502	ng/ul	100
72) Carbazole	17.92	167	464754	18.255	ng/ul	98
73) Di-n-butylphthalate	18.45	149	551356	18.025	ng/ul	98
74) Fluoranthene	19.56	202	587884	19.163	ng/ul	99
77) Pyrene	19.92	202	600802	17.792	ng/ul	99
78) Butylbenzylphthalate	20.78	149	236330	17.261	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.68	252	212918	23.093	ng/ul	96
80) Benzo(a)anthracene	21.77	228	587412	18.603	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.65	149	335598	16.914	ng/ul#	98
82) Chrysene	21.84	228	536979	18.717	ng/ul	98
84) Di-n-octyl phthalate	22.89	149	583334	16.911	ng/ul	100
85) Benzo(b)fluoranthene	24.05	252	586144	18.938	ng/ul	98
86) Benzo(k)fluoranthene	24.12	252	563595	18.833	ng/ul	96
88) Benzo(a)pyrene	24.96	252	566215	18.794	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.92	276	629239	18.460	ng/ul	97
90) Dibenzo(a,h)anthracene	28.97	278	541283	19.116	ng/ul	97
91) Benzo(g,h,i)perylene	30.11	276	472893	16.737	ng/ul	94

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

