

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
 Data File : BG028219.D
 Acq On : 9 Aug 2017 10:34
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02056

Quant Time: Aug 10 01:51:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 09 08:20:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	30994	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	145557	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	114515	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	325858	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	371940	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	354421	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	5775	8.68	ng/uL	0.00
5) Phenol-d5	7.50	99	60663	17.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	41460	19.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	42645	19.86	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	52045	18.29	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	22621	19.87	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	26854	21.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	52108	20.18	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	67597	23.52	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	211572	20.77	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	231499	20.16	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	33867	20.91	ng/ul	0.00
57) Fluorene-d10	15.95	176	184305	20.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	44184	20.87	ng/ul	0.00
70) Anthracene-d10	17.81	188	310501	19.87	ng/ul	0.00
76) Pyrene-d10	20.08	212	360975	18.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	323942	19.52	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.87	88	6297	9.008	ng/uL# 85
4) Benzaldehyde	7.50	77	41122	20.904	ng/ul 98
6) Phenol	7.53	94	63194	18.680	ng/ul# 89
8) Bis(2-Chloroethyl)ether	7.77	93	43130	18.716	ng/ul 95
10) 2-Chlorophenol	7.92	128	41286	19.729	ng/ul 93
11) 2-Methylphenol	8.79	108	44205	18.512	ng/ul 93
12) 2,2'-oxybis(1-Chloropropan	8.88	45	101119	18.076	ng/ul 96
14) Acetophenone	9.18	105	76285	18.801	ng/ul 93
15) N-Nitroso-di-n-propylamine	9.15	70	44757	19.409	ng/ul 96
16) 4-Methylphenol	9.12	108	51528	19.111	ng/ul 93
17) Hexachloroethane	9.45	117	17505	20.187	ng/ul 96
20) Nitrobenzene	9.57	77	64204	19.486	ng/ul 94
21) Isophorone	10.08	82	125691	20.079	ng/ul 96
23) 2-Nitrophenol	10.29	139	24932	19.790	ng/ul# 81
24) 2,4-Dimethylphenol	10.33	107	64543	20.611	ng/ul 95
25) Bis(2-Chloroethoxy)methane	10.56	93	66616	19.537	ng/ul 95
27) 2,4-Dichlorophenol	10.82	162	48440	20.609	ng/ul 92
28) Naphthalene	11.23	128	147173	20.415	ng/ul 98
30) 4-Chloroaniline	11.33	127	61631	22.122	ng/ul 90
31) Hexachlorobutadiene	11.50	225	35948	20.720	ng/ul 97
32) Caprolactam	12.08	113	22455	22.974	ng/ul# 64
33) 4-Chloro-3-methylphenol	12.43	107	66658	22.218	ng/ul 95
34) 2-Methylnaphthalene	12.81	142	119472	20.633	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	72728	19.703	ng/ul#	95
37) Hexachlorocyclopentadiene	13.15	237	33992	16.690	ng/ul	99
38) 2,4,6-Trichlorophenol	13.41	196	49846	21.667	ng/ul	94
39) 2,4,5-Trichlorophenol	13.48	196	53179	21.207	ng/ul	97
40) 1,1'-Biphenyl	13.80	154	165674	19.809	ng/ul	98
41) 2-Chloronaphthalene	13.85	162	125553	18.996	ng/ul	99
42) 2-Nitroaniline	14.05	65	59220	21.370	ng/ul	92
44) Dimethylphthalate	14.41	163	189160	20.170	ng/ul	98
45) 2,6-Dinitrotoluene	14.53	165	41504	21.435	ng/ul	93
47) Acenaphthylene	14.69	152	215874	19.671	ng/ul	98
48) 3-Nitroaniline	14.87	138	40272	23.098	ng/ul	91
49) Acenaphthene	15.03	153	147800	19.961	ng/ul	98
50) 2,4-Dinitrophenol	15.07	184	23354	21.407	ng/ul#	79
52) 4-Nitrophenol	15.16	109	35436	21.118	ng/ul#	76
53) Dibenzofuran	15.36	168	220632	20.437	ng/ul	98
54) 2,4-Dinitrotoluene	15.32	165	64071	21.834	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	15.59	232	52404	22.439	ng/ul#	92
56) Diethylphthalate	15.76	149	221861	20.166	ng/ul	99
58) Fluorene	16.01	166	195546	20.459	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.99	204	103749	20.232	ng/ul	90
60) 4-Nitroaniline	16.03	138	44087	21.313	ng/ul#	79
63) 4,6-Dinitro-2-methylphenol	16.08	198	43936	20.469	ng/ul#	93
64) N-Nitrosodiphenylamine	16.20	169	170505	19.889	ng/ul	95
65) 4-Bromophenyl-phenylether	16.89	248	70548	20.143	ng/ul	98
66) Hexachlorobenzene	17.02	284	76255	20.452	ng/ul	98
67) Atrazine	17.14	200	77632	20.771	ng/ul	96
68) Pentachlorophenol	17.36	266	38443	20.356	ng/ul	92
69) Phenanthrene	17.75	178	326544	19.913	ng/ul	99
71) Anthracene	17.85	178	342945	20.462	ng/ul	98
72) Carbazole	18.11	167	294649	20.214	ng/ul	99
73) Di-n-butylphthalate	18.64	149	371923	20.497	ng/ul	97
74) Fluoranthene	19.75	202	414021	20.774	ng/ul	99
77) Pyrene	20.11	202	426169	19.205	ng/ul	98
78) Butylbenzylphthalate	20.98	149	166609	20.041	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.93	252	142031	19.793	ng/ul#	99
80) Benzo(a)anthracene	22.02	228	424532	19.754	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.88	149	235965	19.959	ng/ul#	98
82) Chrysene	22.09	228	381513	19.712	ng/ul	99
84) Di-n-octyl phthalate	23.19	149	401803	18.917	ng/ul	100
85) Benzo(b)fluoranthene	24.42	252	425084	20.043	ng/ul	98
86) Benzo(k)fluoranthene	24.49	252	397926	19.208	ng/ul	99
88) Benzo(a)pyrene	25.38	252	396423	19.305	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.58	276	472104	19.632	ng/ul	99
90) Dibenzo(a,h)anthracene	29.63	278	396466	19.670	ng/ul	96
91) Benzo(g,h,i)perylene	30.83	276	385746	19.499	ng/ul#	93

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

