

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
 Data File : BG029449.D
 Acq On : 25 Oct 2017 19:18
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02074

Quant Time: Oct 26 05:51:01 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 05:48:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	58011	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	271010	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	182819	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	449314	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	490589	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	493669	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	12139	8.51	ng/uL	0.00
5) Phenol-d5	7.32	99	110341	19.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	64769	18.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	88860	22.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	91524	20.35	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	42061	21.62	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	50420	25.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	95833	21.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	121964	23.11	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	303188	19.40	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	382779	20.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	50695	17.57	ng/ul	0.00
57) Fluorene-d10	15.77	176	296981	23.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	50635	23.09	ng/ul	0.00
70) Anthracene-d10	17.62	188	454345	21.38	ng/ul	0.00
76) Pyrene-d10	19.89	212	514960	20.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	485343	20.76	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.58	88	12874	7.397	ng/uL	89
4) Benzaldehyde	7.29	77	60356	17.544	ng/ul	92
6) Phenol	7.34	94	110637	19.204	ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.58	93	78979	18.009	ng/ul	89
10) 2-Chlorophenol	7.73	128	81630	20.331	ng/ul	93
11) 2-Methylphenol	8.60	108	81902	19.015	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.70	45	132637	20.635	ng/ul	98
14) Acetophenone	8.99	105	128975	18.781	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.96	70	68568	18.018	ng/ul	95
16) 4-Methylphenol	8.93	108	89475	19.067	ng/ul	90
17) Hexachloroethane	9.26	117	32534	20.293	ng/ul	96
20) Nitrobenzene	9.37	77	96653	18.222	ng/ul#	89
21) Isophorone	9.90	82	187197	16.703	ng/ul	95
23) 2-Nitrophenol	10.09	139	50634	22.889	ng/ul#	77
24) 2,4-Dimethylphenol	10.14	107	100174	18.622	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.37	93	113409	16.811	ng/ul#	94
27) 2,4-Dichlorophenol	10.63	162	93803	21.565	ng/ul	95
28) Naphthalene	11.04	128	273198	19.051	ng/ul	99
30) 4-Chloroaniline	11.14	127	114187	22.110	ng/ul	93
31) Hexachlorobutadiene	11.32	225	62770	23.101	ng/ul	96
32) Caprolactam	11.88	113	34448	18.504	ng/ul	86
33) 4-Chloro-3-methylphenol	12.24	107	100842	19.759	ng/ul	92
34) 2-Methylnaphthalene	12.62	142	216423	18.232	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.99	216	121757	22.474	ng/ul	93
37) Hexachlorocyclopentadiene	12.97	237	54784	19.183	ng/ul	98
38) 2,4,6-Trichlorophenol	13.22	196	85006	22.648	ng/ul	99
39) 2,4,5-Trichlorophenol	13.30	196	92286	23.287	ng/ul	95
40) 1,1'-Biphenyl	13.62	154	287742	19.090	ng/ul	95
41) 2-Chloronaphthalene	13.66	162	224703	19.695	ng/ul	98
42) 2-Nitroaniline	13.86	65	71050	19.880	ng/ul#	86
44) Dimethylphthalate	14.23	163	294969	19.349	ng/ul	98
45) 2,6-Dinitrotoluene	14.35	165	63395	23.774	ng/ul#	86
47) Acenaphthylene	14.51	152	364919	18.820	ng/ul	96
48) 3-Nitroaniline	14.68	138	61877	21.417	ng/ul#	82
49) Acenaphthene	14.85	153	244150	18.404	ng/ul	100
50) 2,4-Dinitrophenol	14.89	184	19949	13.978	ng/ul#	82
52) 4-Nitrophenol	14.98	109	37259	17.112	ng/ul#	80
53) Dibenzofuran	15.18	168	362624	19.994	ng/ul	93
54) 2,4-Dinitrotoluene	15.13	165	91344	23.429	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.40	232	87510	25.112	ng/ul	91
56) Diethylphthalate	15.58	149	301509	19.193	ng/ul	97
58) Fluorene	15.83	166	293864	20.311	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.81	204	158722	23.317	ng/ul	88
60) 4-Nitroaniline	15.84	138	57773	16.266	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.90	198	51118	22.059	ng/ul#	80
64) N-Nitrosodiphenylamine	16.03	169	259929	19.395	ng/ul	95
65) 4-Bromophenyl-phenylether	16.71	248	102846	22.689	ng/ul	92
66) Hexachlorobenzene	16.83	284	113956	24.571	ng/ul	94
67) Atrazine	16.97	200	104995	20.630	ng/ul	95
68) Pentachlorophenol	17.17	266	61722	22.338	ng/ul	92
69) Phenanthrene	17.56	178	485239	19.977	ng/ul	99
71) Anthracene	17.65	178	506580	20.214	ng/ul	98
72) Carbazole	17.92	167	442720	19.653	ng/ul	99
73) Di-n-butylphthalate	18.46	149	525398	19.411	ng/ul	98
74) Fluoranthene	19.56	202	605335	22.299	ng/ul	99
77) Pyrene	19.92	202	616420	18.748	ng/ul	97
78) Butylbenzylphthalate	20.79	149	248371	18.630	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.68	252	213151	23.743	ng/ul	98
80) Benzo(a)anthracene	21.78	228	613652	19.959	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.67	149	358320	18.547	ng/ul#	100
82) Chrysene	21.84	228	553213	19.803	ng/ul	99
84) Di-n-octyl phthalate	22.91	149	605398	18.329	ng/ul	100
85) Benzo(b)fluoranthene	24.05	252	608907	20.546	ng/ul	97
86) Benzo(k)fluoranthene	24.12	252	587664	20.509	ng/ul	98
88) Benzo(a)pyrene	24.95	252	585989	20.313	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	28.89	276	696120	21.328	ng/ul	100
90) Dibenzo(a,h)anthracene	28.96	278	576924	21.278	ng/ul	99
91) Benzo(g,h,i)perylene	30.07	276	569419	21.047	ng/ul	96

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

