

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110717\
 Data File : BG030847.D
 Acq On : 8 Nov 2017 15:44
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02095

Quant Time: Nov 08 16:17:45 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 08 04:22:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	65214	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	312245	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	203236	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	483781	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	497925	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	511024	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	10762	6.71	ng/uL	0.00
5) Phenol-d5	7.31	99	109077	17.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	61365	15.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	86809	19.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	94707	18.73	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	43495	19.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	52735	22.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	101344	19.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	123302	20.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	304715	17.54	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	386746	18.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	50099	15.62	ng/ul	0.00
57) Fluorene-d10	15.76	176	281163	19.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	43951	18.61	ng/ul	0.00
70) Anthracene-d10	17.61	188	427117	18.67	ng/ul	0.00
76) Pyrene-d10	19.88	212	476277	18.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	458371	18.94	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.57	88	12292	6.283	ng/uL# 67
4) Benzaldehyde	7.29	77	66967	17.315	ng/ul 96
6) Phenol	7.34	94	112570	17.381	ng/ul# 88
8) Bis(2-Chloroethyl)ether	7.56	93	81032	16.436	ng/ul 89
10) 2-Chlorophenol	7.71	128	84990	18.830	ng/ul 90
11) 2-Methylphenol	8.59	108	84550	17.461	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.68	45	129503	17.922	ng/ul 98
14) Acetophenone	8.97	105	135518	17.554	ng/ul 90
15) N-Nitroso-di-n-propylamine	8.95	70	68998	16.128	ng/ul# 95
16) 4-Methylphenol	8.93	108	93823	17.785	ng/ul 95
17) Hexachloroethane	9.24	117	33143	18.390	ng/ul 91
20) Nitrobenzene	9.36	77	101788	16.655	ng/ul# 85
21) Isophorone	9.88	82	195699	15.156	ng/ul 98
23) 2-Nitrophenol	10.07	139	54970	21.568	ng/ul# 77
24) 2,4-Dimethylphenol	10.12	107	104113	16.798	ng/ul 87
25) Bis(2-Chloroethoxy)methane	10.35	93	118487	15.244	ng/ul# 95
27) 2,4-Dichlorophenol	10.62	162	98603	19.675	ng/ul 96
28) Naphthalene	11.02	128	287788	17.419	ng/ul 98
30) 4-Chloroaniline	11.12	127	121409	20.404	ng/ul 96
31) Hexachlorobutadiene	11.29	225	68956	22.026	ng/ul 95
32) Caprolactam	11.87	113	34593	16.128	ng/ul 100
33) 4-Chloro-3-methylphenol	12.24	107	102574	17.444	ng/ul 91
34) 2-Methylnaphthalene	12.61	142	226330	16.549	ng/ul 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	138564	23.007	ng/ul#	92
37) Hexachlorocyclopentadiene	12.95	237	25687	8.091	ng/ul	98
38) 2,4,6-Trichlorophenol	13.21	196	89142	21.364	ng/ul	98
39) 2,4,5-Trichlorophenol	13.30	196	93972	21.331	ng/ul	98
40) 1,1'-Biphenyl	13.60	154	300829	17.953	ng/ul	98
41) 2-Chloronaphthalene	13.65	162	241121	19.011	ng/ul	96
42) 2-Nitroaniline	13.85	65	67522	16.995	ng/ul#	84
44) Dimethylphthalate	14.21	163	302852	17.870	ng/ul	99
45) 2,6-Dinitrotoluene	14.34	165	66417	22.405	ng/ul#	82
47) Acenaphthylene	14.49	152	376108	17.448	ng/ul	95
48) 3-Nitroaniline	14.67	138	66882	20.823	ng/ul#	84
49) Acenaphthene	14.83	153	252711	17.136	ng/ul	98
50) 2,4-Dinitrophenol	14.88	184	23056	14.532	ng/ul#	80
52) 4-Nitrophenol	14.99	109	35524	14.676	ng/ul#	76
53) Dibenzofuran	15.16	168	371739	18.438	ng/ul	93
54) 2,4-Dinitrotoluene	15.13	165	93408	21.552	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.39	232	83292	21.500	ng/ul#	89
56) Diethylphthalate	15.56	149	303592	17.384	ng/ul	98
58) Fluorene	15.81	166	295913	18.398	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.80	204	164838	21.783	ng/ul	89
60) 4-Nitroaniline	15.83	138	72399	18.336	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.89	198	46149	18.496	ng/ul#	79
64) N-Nitrosodiphenylamine	16.01	169	263576	18.266	ng/ul	98
65) 4-Bromophenyl-phenylether	16.69	248	108424	22.215	ng/ul#	90
66) Hexachlorobenzene	16.82	284	119372	23.905	ng/ul#	91
67) Atrazine	16.95	200	109691	20.018	ng/ul	95
68) Pentachlorophenol	17.16	266	51944	17.459	ng/ul	94
69) Phenanthrene	17.55	178	478150	18.283	ng/ul	99
71) Anthracene	17.64	178	490746	18.187	ng/ul	98
72) Carbazole	17.91	167	432627	17.836	ng/ul	98
73) Di-n-butylphthalate	18.45	149	524387	17.994	ng/ul	99
74) Fluoranthene	19.55	202	580706	19.868	ng/ul	99
77) Pyrene	19.91	202	592593	17.758	ng/ul	99
78) Butylbenzylphthalate	20.78	149	233555	17.261	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.67	252	202584	22.233	ng/ul#	97
80) Benzo(a)anthracene	21.76	228	593349	19.015	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.64	149	331233	16.892	ng/ul#	98
82) Chrysene	21.83	228	536743	18.931	ng/ul	99
84) Di-n-octyl phthalate	22.87	149	564236	16.502	ng/ul	100
85) Benzo(b)fluoranthene	24.04	252	599341	19.536	ng/ul	97
86) Benzo(k)fluoranthene	24.11	252	557949	18.810	ng/ul	98
88) Benzo(a)pyrene	24.94	252	568645	19.042	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.88	276	692624	20.501	ng/ul	98
90) Dibenzo(a,h)anthracene	28.94	278	583750	20.799	ng/ul	99
91) Benzo(g,h,i)perylene	30.07	276	570425	20.368	ng/ul	98

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

