

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110717\
 Data File : BG030810.D
 Acq On : 7 Nov 2017 16:22
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02092

Quant Time: Nov 08 01:05:48 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	8.15	152	57454	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	269907	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	183850	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	461692	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	523048	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	521523	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	10235	7.24	ng/uL	-0.01
5) Phenol-d5	7.31	99	91323	16.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	54178	15.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	74663	19.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	80451	18.06	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	37957	19.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	43726	22.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	86897	19.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	110454	21.01	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	291446	18.54	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	349095	18.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	48458	16.70	ng/ul	0.00
57) Fluorene-d10	15.76	176	257475	20.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	48668	21.60	ng/ul	0.00
70) Anthracene-d10	17.61	188	408844	18.72	ng/ul	0.00
76) Pyrene-d10	19.89	212	487514	18.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	462822	18.74	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.56	88	11329	6.572	ng/uL#	81
4) Benzaldehyde	7.28	77	59142	17.357	ng/ul#	85
6) Phenol	7.34	94	97000	17.000	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.56	93	73141	16.839	ng/ul	88
10) 2-Chlorophenol	7.72	128	73611	18.511	ng/ul#	88
11) 2-Methylphenol	8.59	108	73244	17.170	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.68	45	112339	17.647	ng/ul#	94
14) Acetophenone	8.97	105	118766	17.462	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.95	70	63641	16.885	ng/ul#	95
16) 4-Methylphenol	8.92	108	81835	17.608	ng/ul	90
17) Hexachloroethane	9.24	117	28996	18.262	ng/ul	96
20) Nitrobenzene	9.36	77	85571	16.198	ng/ul#	85
21) Isophorone	9.88	82	183708	16.459	ng/ul	95
23) 2-Nitrophenol	10.07	139	45558	20.679	ng/ul#	79
24) 2,4-Dimethylphenol	10.13	107	92254	17.220	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.36	93	107686	16.027	ng/ul#	98
27) 2,4-Dichlorophenol	10.62	162	84135	19.421	ng/ul	96
28) Naphthalene	11.02	128	247840	17.354	ng/ul	98
30) 4-Chloroaniline	11.13	127	108218	21.040	ng/ul	93
31) Hexachlorobutadiene	11.30	225	56483	20.872	ng/ul	97
32) Caprolactam	11.87	113	34661	18.694	ng/ul	92
33) 4-Chloro-3-methylphenol	12.24	107	91773	18.055	ng/ul	92
34) 2-Methylnaphthalene	12.61	142	197150	16.676	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.98	216	113656	20.861	ng/ul	93
37) Hexachlorocyclopentadiene	12.95	237	32569	11.341	ng/ul	93
38) 2,4,6-Trichlorophenol	13.22	196	80145	21.233	ng/ul	95
39) 2,4,5-Trichlorophenol	13.29	196	83601	20.978	ng/ul	94
40) 1,1'-Biphenyl	13.60	154	263681	17.396	ng/ul	99
41) 2-Chloronaphthalene	13.65	162	208637	18.184	ng/ul	96
42) 2-Nitroaniline	13.85	65	60711	16.892	ng/ul#	80
44) Dimethylphthalate	14.22	163	293262	19.129	ng/ul	98
45) 2,6-Dinitrotoluene	14.34	165	60281	22.480	ng/ul#	85
47) Acenaphthylene	14.50	152	336213	17.242	ng/ul	97
48) 3-Nitroaniline	14.67	138	61565	21.189	ng/ul#	72
49) Acenaphthene	14.83	153	227437	17.048	ng/ul	99
50) 2,4-Dinitrophenol	14.89	184	27041	18.841	ng/ul#	74
52) 4-Nitrophenol	14.99	109	34232	15.634	ng/ul#	74
53) Dibenzofuran	15.17	168	337314	18.494	ng/ul	93
54) 2,4-Dinitrotoluene	15.13	165	88816	22.653	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.40	232	77897	22.228	ng/ul	91
56) Diethylphthalate	15.57	149	300091	18.996	ng/ul	98
58) Fluorene	15.81	166	272461	18.726	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.80	204	148319	21.667	ng/ul	89
60) 4-Nitroaniline	15.83	138	68920	19.296	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.90	198	53070	22.287	ng/ul#	75
64) N-Nitrosodiphenylamine	16.01	169	248301	18.031	ng/ul	98
65) 4-Bromophenyl-phenylether	16.70	248	100696	21.619	ng/ul#	90
66) Hexachlorobenzene	16.82	284	111185	23.331	ng/ul	92
67) Atrazine	16.95	200	110151	21.063	ng/ul	99
68) Pentachlorophenol	17.17	266	47524	16.738	ng/ul	98
69) Phenanthrene	17.55	178	464367	18.606	ng/ul	98
71) Anthracene	17.65	178	476273	18.495	ng/ul	100
72) Carbazole	17.91	167	438803	18.957	ng/ul	98
73) Di-n-butylphthalate	18.45	149	535971	19.271	ng/ul#	98
74) Fluoranthene	19.55	202	588187	21.087	ng/ul	100
77) Pyrene	19.92	202	601478	17.158	ng/ul	99
78) Butylbenzylphthalate	20.78	149	250717	17.639	ng/ul	87
79) 3,3'-Dichlorobenzidine	21.67	252	222629	23.260	ng/ul#	98
80) Benzo(a)anthracene	21.77	228	618957	18.883	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.64	149	350489	17.016	ng/ul#	100
82) Chrysene	21.83	228	556687	18.691	ng/ul	98
84) Di-n-octyl phthalate	22.88	149	602544	17.268	ng/ul	100
85) Benzo(b)fluoranthene	24.04	252	607625	19.408	ng/ul	96
86) Benzo(k)fluoranthene	24.11	252	577194	19.068	ng/ul	98
88) Benzo(a)pyrene	24.94	252	582422	19.111	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.89	276	705514	20.462	ng/ul	99
90) Dibenzo(a,h)anthracene	28.95	278	596966	20.841	ng/ul	98
91) Benzo(g,h,i)perylene	30.07	276	585261	20.477	ng/ul	95

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

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