

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
 Data File : BG029464.D
 Acq On : 26 Oct 2017 5:16
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02075

Quant Time: Oct 26 07:03:46 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 24 23:55:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	64483	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.99	136	296668	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	198548	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.52	188	465859	20.00	ng/ul	-0.01
75) Chrysene-d12	21.80	240	495330	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	494733	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	12932	8.15	ng/uL	0.00
5) Phenol-d5	7.31	99	120037	19.40	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	70194	18.12	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.70	132	96124	22.02	ng/ul	-0.01
13) 4-Methylphenol-d8	8.87	113	99454	19.90	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	47995	22.54	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.05	143	56182	25.75	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.60	165	108120	21.74	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	130768	22.64	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	325972	19.20	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	414731	20.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	55643	17.76	ng/ul	0.00
57) Fluorene-d10	15.77	176	318081	22.88	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.89	200	51433	22.62	ng/ul	0.00
70) Anthracene-d10	17.62	188	466643	21.18	ng/ul	-0.01
76) Pyrene-d10	19.89	212	536502	20.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	504614	21.54	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.58	88	13369	6.911	ng/uL 95
4) Benzaldehyde	7.30	77	66183	17.307	ng/ul 90
6) Phenol	7.34	94	122323	19.101	ng/ul 89
8) Bis(2-Chloroethyl)ether	7.57	93	87852	18.021	ng/ul 91
10) 2-Chlorophenol	7.73	128	90766	20.337	ng/ul 93
11) 2-Methylphenol	8.60	108	90016	18.801	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.70	45	144287	20.195	ng/ul 98
14) Acetophenone	8.99	105	141761	18.571	ng/ul 94
15) N-Nitroso-di-n-propylamine	8.97	70	72766	17.202	ng/ul# 96
16) 4-Methylphenol	8.93	108	98346	18.854	ng/ul 97
17) Hexachloroethane	9.26	117	35062	19.675	ng/ul 88
20) Nitrobenzene	9.38	77	107604	18.532	ng/ul# 85
21) Isophorone	9.89	82	198024	16.141	ng/ul 96
23) 2-Nitrophenol	10.09	139	54760	22.614	ng/ul# 79
24) 2,4-Dimethylphenol	10.14	107	111498	18.934	ng/ul# 93
25) Bis(2-Chloroethoxy)methane	10.38	93	123442	16.715	ng/ul# 95
27) 2,4-Dichlorophenol	10.63	162	103337	21.702	ng/ul 94
28) Naphthalene	11.03	128	299831	19.100	ng/ul 98
30) 4-Chloroaniline	11.13	127	121822	21.548	ng/ul 98
31) Hexachlorobutadiene	11.32	225	69340	23.312	ng/ul 95
32) Caprolactam	11.88	113	35738	17.536	ng/ul 98
33) 4-Chloro-3-methylphenol	12.24	107	110671	19.809	ng/ul 93
34) 2-Methylnaphthalene	12.63	142	232039	17.857	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

36) 1,2,4,5-Tetrachlorobenzene	12.99	216	137256	23.328	ng/ul#	91
37) Hexachlorocyclopentadiene	12.97	237	46820	15.096	ng/ul	95
38) 2,4,6-Trichlorophenol	13.23	196	92692	22.739	ng/ul	95
39) 2,4,5-Trichlorophenol	13.30	196	101344	23.547	ng/ul	99
40) 1,1'-Biphenyl	13.62	154	309120	18.884	ng/ul	98
41) 2-Chloronaphthalene	13.67	162	249656	20.148	ng/ul	96
42) 2-Nitroaniline	13.86	65	72557	18.694	ng/ul#	86
44) Dimethylphthalate	14.23	163	313340	18.925	ng/ul	99
45) 2,6-Dinitrotoluene	14.35	165	67913	23.451	ng/ul#	83
47) Acenaphthylene	14.51	152	392814	18.653	ng/ul	96
48) 3-Nitroaniline	14.68	138	66138	21.078	ng/ul	86
49) Acenaphthene	14.85	153	263822	18.312	ng/ul	100
50) 2,4-Dinitrophenol	14.89	184	23793	15.351	ng/ul#	78
52) 4-Nitrophenol	14.98	109	37567	15.887	ng/ul#	70
53) Dibenzofuran	15.18	168	389560	19.778	ng/ul	93
54) 2,4-Dinitrotoluene	15.13	165	98523	23.269	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.41	232	92593	24.466	ng/ul	92
56) Diethylphthalate	15.58	149	320645	18.794	ng/ul	97
58) Fluorene	15.83	166	311068	19.797	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.82	204	169548	22.934	ng/ul	90
60) 4-Nitroaniline	15.84	138	61697	15.995	ng/ul	86
63) 4,6-Dinitro-2-methylphenol	15.90	198	51343	21.369	ng/ul#	83
64) N-Nitrosodiphenylamine	16.03	169	273254	19.665	ng/ul	100
65) 4-Bromophenyl-phenylether	16.71	248	110712	23.557	ng/ul#	90
66) Hexachlorobenzene	16.83	284	121004	25.164	ng/ul	91
67) Atrazine	16.96	200	106839	20.247	ng/ul	98
68) Pentachlorophenol	17.17	266	63624	22.208	ng/ul	94
69) Phenanthrene	17.57	178	502242	19.943	ng/ul	99
71) Anthracene	17.66	178	516397	19.874	ng/ul	100
72) Carbazole	17.92	167	461929	19.777	ng/ul	98
73) Di-n-butylphthalate	18.47	149	545564	19.441	ng/ul	99
74) Fluoranthene	19.56	202	616929	21.919	ng/ul	99
77) Pyrene	19.92	202	629252	18.955	ng/ul	99
78) Butylbenzylphthalate	20.79	149	248526	18.463	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.68	252	226522	24.991	ng/ul#	98
80) Benzo(a)anthracene	21.77	228	623741	20.093	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.66	149	350270	17.957	ng/ul#	99
82) Chrysene	21.84	228	572236	20.288	ng/ul	99
84) Di-n-octyl phthalate	22.91	149	615253	18.587	ng/ul	100
85) Benzo(b)fluoranthene	24.05	252	619366	20.854	ng/ul	99
86) Benzo(k)fluoranthene	24.12	252	599823	20.888	ng/ul	97
88) Benzo(a)pyrene	24.95	252	590757	20.434	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.90	276	717426	21.934	ng/ul	97
90) Dibenzo(a,h)anthracene	28.96	278	601411	22.134	ng/ul	99
91) Benzo(g,h,i)perylene	30.09	276	559454	20.634	ng/ul	97

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

