

Data Path : Z:\HPCHEM1\BNA G\Data\BG122215\
 Data File : BG020409.D
 Acq On : 22 Dec 2015 14:56
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02018

Quant Time: Dec 23 04:00:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 05:02:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	16037	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	80297	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.72	164	69130	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	200180	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	188924	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	185146	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	1685	5.80	ng/uL	-0.01
5) Phenol-d5	7.25	99	29273	20.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	16928	20.06	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.62	132	22479	21.86	ng/ul	-0.01
13) 4-Methylphenol-d8	8.80	113	27447	22.70	ng/ul	-0.01
19) Nitrobenzene-d5	9.25	128	12322	19.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	16240	23.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	31069	22.02	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	39806	25.12	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	129061	23.08	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	135795	20.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	21817	21.75	ng/ul	0.00
58) Fluorene-d10	15.71	176	107856	21.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	18589	15.66	ng/ul	0.00
71) Anthracene-d10	17.56	188	187729	20.35	ng/ul	0.00
79) Pyrene-d10	19.85	212	208763	23.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	189925	20.57	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.49	88	2301	5.36 ng/uL#	83
4) Benzaldehyde	7.22	77	19593	21.40 ng/ul	99
6) Phenol	7.27	94	31543	20.83 ng/ul	97
8) Bis(2-Chloroethyl)ether	7.50	93	21867	21.05 ng/ul	96
10) 2-Chlorophenol	7.65	128	22920	21.28 ng/ul	96
11) 2-Methylphenol	8.53	108	24619	21.31 ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.62	45	29247	19.54 ng/ul	98
14) Acetophenone	8.91	105	43966	23.22 ng/ul	95
15) N-Nitroso-di-n-propylamine	8.89	70	24109	24.05 ng/ul#	94
16) 4-Methylphenol	8.86	108	28810	22.53 ng/ul	95
17) Hexachloroethane	9.17	117	8521	18.82 ng/ul	94
20) Nitrobenzene	9.30	77	32158	19.39 ng/ul	98
21) Isophorone	9.82	82	74025	23.38 ng/ul	99
23) 2-Nitrophenol	10.01	139	16703	22.36 ng/ul	94
24) 2,4-Dimethylphenol	10.07	107	36291	21.40 ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.30	93	36617	21.35 ng/ul	98
27) 2,4-Dichlorophenol	10.55	162	31931	22.03 ng/ul	96
28) Naphthalene	10.95	128	87221	20.80 ng/ul	100
30) 4-Chloroaniline	11.06	127	39384	24.34 ng/ul	99
31) Hexachlorobutadiene	11.23	225	22314	20.66 ng/ul	94
32) Caprolactam	11.84	113	12674	24.78 ng/ul	93
33) 4-Chloro-3-methylphenol	12.18	107	38730	22.49 ng/ul	89
34) 2-Methylnaphthalene	12.55	142	71047	22.18 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.77	142	68503	22.25	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.91	216	51169	19.72	ng/ul	99
38) Hexachlorocyclopentadiene	12.89	237	26692	16.64	ng/ul	97
39) 2,4,6-Trichlorophenol	13.16	196	34941	21.00	ng/ul	99
40) 2,4,5-Trichlorophenol	13.23	196	39508	21.36	ng/ul	94
41) 1,1'-Biphenyl	13.56	154	103740	19.89	ng/ul	98
42) 2-Chloronaphthalene	13.60	162	82428	19.74	ng/ul	98
43) 2-Nitroaniline	13.80	65	27919	19.67	ng/ul	92
45) Dimethylphthalate	14.17	163	132272	23.16	ng/ul	98
46) 2,6-Dinitrotoluene	14.30	165	26641	22.55	ng/ul	95
48) Acenaphthylene	14.44	152	142916	20.68	ng/ul	99
49) 3-Nitroaniline	14.62	138	26720	23.30	ng/ul	87
50) Acenaphthene	14.78	153	96790	20.81	ng/ul	97
51) 2,4-Dinitrophenol	14.83	184	7431	11.05	ng/ul	91
53) 4-Nitrophenol	14.94	109	19189	19.89	ng/ul	92
54) Dibenzofuran	15.12	168	146663	21.20	ng/ul	99
55) 2,4-Dinitrotoluene	15.08	165	40797	23.53	ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	15.34	232	40443	22.74	ng/ul	95
57) Diethylphthalate	15.52	149	136312	23.00	ng/ul	98
59) Fluorene	15.76	166	118937	21.41	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.75	204	68712	21.94	ng/ul	97
61) 4-Nitroaniline	15.79	138	27861	22.47	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.84	198	20092	15.77	ng/ul#	95
65) N-Nitrosodiphenylamine	15.97	169	110426	19.84	ng/ul	98
66) 4-Bromophenyl-phenylether	16.65	248	48885	20.81	ng/ul	96
67) Hexachlorobenzene	16.77	284	53759	21.31	ng/ul	90
68) Atrazine	16.91	200	46908	19.76	ng/ul	98
69) Pentachlorophenol	17.12	266	21521	14.14	ng/ul	96
70) Phenanthrene	17.51	178	218853	19.99	ng/ul	99
72) Anthracene	17.60	178	227033	20.44	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.52	216	56738	18.09	ng/uL	98
74) Pentachlorobenzene	15.04	250	58676	20.17	ng/uL#	81
75) Carbazole	17.87	167	195094	20.91	ng/ul	100
76) Di-n-butylphthalate	18.41	149	209630	19.33	ng/ul	99
77) Fluoranthene	19.51	202	271544	21.22	ng/ul	97
80) Pvrene	19.88	202	267774	23.42	ng/ul#	96
81) Butylbenzylphthalate	20.75	149	78464	19.75	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.63	252	78277	22.68	ng/ul	95
83) Benzo(a)anthracene	21.72	228	224868	20.40	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	115815	20.39	ng/ul	98
85) Chrysene	21.79	228	213275	20.54	ng/ul	99
87) Di-n-octyl phthalate	22.83	149	201395	19.80	ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	227952	20.46	ng/ul	99
89) Benzo(k)fluoranthene	24.04	252	217542	20.34	ng/ul	98
91) Benzo(a)pyrene	24.85	252	215562	20.41	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.74	276	262648	20.88	ng/ul	97
93) Dibenzo(a,h)anthracene	28.81	278	219615	21.03	ng/ul	98
94) Benzo(a,h,i)perylene	29.91	276	216056	20.95	ng/ul	99

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

