

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080215\
 Data File : BG018221.D
 Acq On : 2 Aug 2015 12:19
 Operator : TP
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02055

Quant Time: Aug 03 05:46:04 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	37819	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	174227	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	127018	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.91	188	313931	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	278366	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	217666	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.96	96	3070	6.13	ng/uL	-0.01
5) Phenol-d5	6.67	99	58040	17.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	30097	17.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	47531	18.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	51247	18.50	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	26471	19.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	31510	20.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	59200	21.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	74401	21.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	191142	19.47	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	227003	19.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	32720	18.01	ng/ul	0.00
58) Fluorene-d10	15.15	176	174336	19.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	41658	19.01	ng/ul	0.00
71) Anthracene-d10	17.00	188	270035	19.78	ng/ul	0.00
79) Pyrene-d10	19.32	212	296653	22.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	215065	19.54	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	2.99	88	3972	6.88 ng/uL#	82
4) Benzaldehyde	6.62	77	34953	19.01 ng/ul#	81
6) Phenol	6.69	94	61132	17.70 ng/ul#	83
8) Bis(2-Chloroethyl)ether	6.91	93	44818	17.92 ng/ul	99
10) 2-Chlorophenol	7.04	128	46125	18.55 ng/ul#	78
11) 2-Methylphenol	7.93	108	49693	18.23 ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.01	45	36583	16.63 ng/ul#	92
14) Acetophenone	8.29	105	78506	18.22 ng/ul	88
15) N-Nitroso-di-n-propylamine	8.28	70	43589	17.82 ng/ul#	90
16) 4-Methylphenol	8.26	108	54835	18.18 ng/ul	91
17) Hexachloroethane	8.54	117	21317	18.46 ng/ul	98
20) Nitrobenzene	8.67	77	60803	18.53 ng/ul#	86
21) Isophorone	9.19	82	123424	18.18 ng/ul	92
23) 2-Nitrophenol	9.38	139	33536	20.87 ng/ul#	74
24) 2,4-Dimethylphenol	9.45	107	68974	19.93 ng/ul#	79
25) Bis(2-Chloroethoxy)methane	9.68	93	65558	18.69 ng/ul	95
27) 2,4-Dichlorophenol	9.92	162	54465	20.14 ng/ul	95
28) Naphthalene	10.31	128	166829	19.89 ng/ul	99
30) 4-Chloroaniline	10.43	127	74121	21.18 ng/ul	98
31) Hexachlorobutadiene	10.59	225	41679	22.10 ng/ul	97
32) Caprolactam	11.18	113	25574	19.34 ng/ul	94
33) 4-Chloro-3-methylphenol	11.58	107	65938	19.11 ng/ul	92
34) 2-Methylnaphthalene	11.93	142	131818	19.85 ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	125823	19.75	ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	12.31	216	74713	20.97	ng/ul#	92
38) Hexachlorocyclopentadiene	12.29	237	28395	15.56	ng/ul#	97
39) 2,4,6-Trichlorophenol	12.57	196	50176	20.92	ng/ul	93
40) 2,4,5-Trichlorophenol	12.64	196	54271	20.90	ng/ul	97
41) 1,1'-Biphenyl	12.97	154	179908	19.82	ng/ul	99
42) 2-Chloronaphthalene	13.01	162	138925	20.26	ng/ul#	92
43) 2-Nitroaniline	13.23	65	42981	18.21	ng/ul#	70
45) Dimethylphthalate	13.61	163	196386	20.11	ng/ul	97
46) 2,6-Dinitrotoluene	13.74	165	42649	19.03	ng/ul#	83
48) Acenaphthylene	13.87	152	227754	20.15	ng/ul	99
49) 3-Nitroaniline	14.07	138	38387	19.45	ng/ul#	68
50) Acenaphthene	14.21	153	145283	19.73	ng/ul	99
51) 2,4-Dinitrophenol	14.29	184	23244	17.51	ng/ul#	76
53) 4-Nitrophenol	14.41	109	34706	18.92	ng/ul#	70
54) Dibenzofuran	14.55	168	222345	20.05	ng/ul#	88
55) 2,4-Dinitrotoluene	14.54	165	64928	19.95	ng/ul#	74
56) 2,3,4,6-Tetrachlorophenol	14.79	232	51864	20.29	ng/ul#	94
57) Diethylphthalate	14.99	149	198317	19.61	ng/ul	98
59) Fluorene	15.21	166	187580	19.60	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.21	204	104888	20.31	ng/ul	91
61) 4-Nitroaniline	15.24	138	44895	20.24	ng/ul#	47
64) 4,6-Dinitro-2-methylphenol	15.31	198	44153	19.05	ng/ul	95
65) N-Nitrosodiphenylamine	15.42	169	163737	20.13	ng/ul	99
66) 4-Bromophenyl-phenylether	16.10	248	70067	21.06	ng/ul	95
67) Hexachlorobenzene	16.22	284	87907	21.89	ng/ul	99
68) Atrazine	16.39	200	74458	20.80	ng/ul	96
69) Pentachlorophenol	16.57	266	36464	16.63	ng/ul	98
70) Phenanthrene	16.95	178	314369	19.71	ng/ul	99
72) Anthracene	17.04	178	319277	20.12	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	76746	21.67	ng/uL	96
74) Pentachlorobenzene	14.48	250	84728	21.35	ng/uL	98
75) Carbazole	17.32	167	270471	20.51	ng/ul	99
76) Di-n-butylphthalate	17.89	149	342453	19.52	ng/ul#	97
77) Fluoranthene	18.98	202	376850	21.51	ng/ul#	96
80) Pyrene	19.35	202	370811	21.96	ng/ul	95
81) Butylbenzylphthalate	20.26	149	137321	20.02	ng/ul	90
82) 3,3'-Dichlorobenzidine	21.04	252	118186	20.13	ng/ul#	95
83) Benzo(a)anthracene	21.10	228	296040	19.75	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	167562	18.11	ng/ul	98
85) Chrysene	21.15	228	275708	20.08	ng/ul	99
87) Di-n-octyl phthalate	21.90	149	250776	21.82	ng/ul	100
88) Benzo(b)fluoranthene	22.64	252	254980	19.50	ng/ul#	95
89) Benzo(k)fluoranthene	22.68	252	244990	20.39	ng/ul#	96
91) Benzo(a)pyrene	23.20	252	228370	19.52	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.49	276	290277	21.45	ng/ul#	90
93) Dibenzo(a,h)anthracene	25.49	278	249424	21.52	ng/ul#	92
94) Benzo(g,h,i)perylene	26.15	276	237421	21.48	ng/ul#	89

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

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