

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101515\
 Data File : BG019210.D
 Acq On : 15 Oct 2015 17:57
 Operator : UM/NP
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02010

Manual Integrations
 APPROVED

MMdadoda
 10/16/2015 4:16:46 PM

Quant Time: Oct 16 04:05:48 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 15 17:56:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	14735	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	69026	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	50117	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	137106	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	186220	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	175165	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	2256	8.53	ng/uL	0.00
5) Phenol-d5	7.17	99	25588	19.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	16208	19.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	19010	20.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	21142	19.40	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	10439	19.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	11741	20.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	22184	19.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	29848	20.73	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	87928	20.06	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	93992	19.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	15699	19.92	ng/ul	0.00
58) Fluorene-d10	15.63	176	74263	19.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	16351	19.33	ng/ul	0.00
71) Anthracene-d10	17.48	188	126188	19.48	ng/ul	0.00
79) Pyrene-d10	19.77	212	163927	19.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	175247	19.80	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.47	88	2361	7.58	ng/ul 86
4) Benzaldehyde	7.14	77	16339	21.86	ng/ul 95
6) Phenol	7.19	94	26306	19.64	ng/ul# 85
8) Bis(2-Chloroethyl)ether	7.42	93	19225	20.24	ng/ul 92
10) 2-Chlorophenol	7.57	128	19824	20.60	ng/ul 94
11) 2-Methylphenol	8.45	108	20672	19.67	ng/ul 81
12) 2,2'-oxybis(1-Chloropropan	8.54	45	41107	19.41	ng/ul 98
14) Acetophenone	8.83	105	36479	19.84	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.81	70	19461	20.71	ng/ul 89
16) 4-Methylphenol	8.78	108	23339	19.79	ng/ul 96
17) Hexachloroethane	9.10	117	8185	19.76	ng/ul 96
20) Nitrobenzene	9.21	77	28726	19.70	ng/ul 97
21) Isophorone	9.73	82	55304	19.47	ng/ul# 97
23) 2-Nitrophenol	9.93	139	11928	19.88	ng/ul# 83
24) 2,4-Dimethylphenol	9.98	107	28819	19.83	ng/ul 93
25) Bis(2-Chloroethoxy)methane	10.22	93	28517	19.43	ng/ul# 94
27) 2,4-Dichlorophenol	10.46	162	22216	19.68	ng/ul 95
28) Naphthalene	10.87	128	69540	19.27	ng/ul 97
30) 4-Chloroaniline	10.97	127	32502	21.91	ng/ul 96
31) Hexachlorobutadiene	11.15	225	16041	19.46	ng/ul 95
32) Caprolactam	11.72	113	8582m	20.54	ng/ul
33) 4-Chloro-3-methylphenol	12.09	107	29068	20.44	ng/ul 96
34) 2-Methylnaphthalene	12.47	142	56197	19.65	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.69	142	56042	20.01	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.83	216	31659	19.71	ng/ul#	96
38) Hexachlorocyclopentadiene	12.82	237	18540	19.41	ng/ul	99
39) 2,4,6-Trichlorophenol	13.08	196	19531	19.55	ng/ul	99
40) 2,4,5-Trichlorophenol	13.15	196	22106	20.11	ng/ul	96
41) 1,1'-Biphenyl	13.47	154	76431	19.53	ng/ul	97
42) 2-Chloronaphthalene	13.52	162	60175	19.89	ng/ul	95
43) 2-Nitroaniline	13.72	65	23454	19.81	ng/ul	92
45) Dimethylphthalate	14.09	163	86401	19.57	ng/ul	98
46) 2,6-Dinitrotoluene	14.21	165	17496	20.78	ng/ul	91
48) Acenaphthylene	14.36	152	103449	19.80	ng/ul	99
49) 3-Nitroaniline	14.54	138	17246	21.37	ng/ul	94
50) Acenaphthene	14.70	153	69288	19.80	ng/ul	95
51) 2,4-Dinitrophenol	14.74	184	9031	18.74	ng/ul#	88
53) 4-Nitrophenol	14.85	109	17545	20.37	ng/ul#	80
54) Dibenzofuran	15.04	168	99412	20.10	ng/ul	92
55) 2,4-Dinitrotoluene	15.00	165	27740	20.30	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.27	232	21746	20.59	ng/ul	94
57) Diethylphthalate	15.45	149	91107	19.88	ng/ul	99
59) Fluorene	15.69	166	84490	19.96	ng/ul#	90
60) 4-Chlorophenyl-phenylether	15.68	204	41885	19.19	ng/ul#	87
61) 4-Nitroaniline	15.70	138	19812	20.72	ng/ul#	65
64) 4,6-Dinitro-2-methylphenol	15.76	198	16162	18.92	ng/ul#	91
65) N-Nitrosodiphenylamine	15.90	169	74133	19.67	ng/ul	94
66) 4-Bromophenyl-phenylether	16.57	248	29498	19.03	ng/ul#	88
67) Hexachlorobenzene	16.69	284	34013	18.94	ng/ul	93
68) Atrazine	16.84	200	37595	20.75	ng/ul	96
69) Pentachlorophenol	17.04	266	17575	19.04	ng/ul#	90
70) Phenanthrene	17.43	178	149926	19.58	ng/ul	99
72) Anthracene	17.52	178	152515	19.61	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	32504	19.45	ng/uL	95
74) Pentachlorobenzene	14.96	250	34612	18.92	ng/uL	95
75) Carbazole	17.79	167	137939	20.57	ng/ul	98
76) Di-n-butylphthalate	18.35	149	173939	19.70	ng/ul#	98
77) Fluoranthene	19.44	202	204929	21.38	ng/ul#	92
80) Pvrene	19.80	202	213729	19.34	ng/ul#	91
81) Butylbenzylphthalate	20.68	149	81609	20.30	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.55	252	67920	19.97	ng/ul	99
83) Benzo(a)anthracene	21.64	228	211181	20.08	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	109867	19.78	ng/ul#	95
85) Chrysene	21.70	228	194901	19.59	ng/ul	99
87) Di-n-octyl phthalate	22.76	149	189047	20.28	ng/ul	100
88) Benzo(b)fluoranthene	23.84	252	198964	20.03	ng/ul#	96
89) Benzo(k)fluoranthene	23.91	252	194978	20.00	ng/ul#	96
91) Benzo(a)pyrene	24.71	252	189428	19.83	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	28.52	276	219846	19.38	ng/ul#	92
93) Dibenzo(a,h)anthracene	28.57	278	198031	20.03	ng/ul	95
94) Benzo(a,h,i)perylene	29.65	276	183715	19.69	ng/ul	95

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

