

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111915\
 Data File : BG019721.D
 Acq On : 20 Nov 2015 4:38
 Operator : UM/NP
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02003

Quant Time: Nov 20 06:28:06 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 20 01:13:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	32175	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	136859	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	112502	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	325238	20.00	ng/ul	0.00
78) Chrysene-d12	21.80	240	418238	20.00	ng/ul	0.00
86) Perylene-d12	25.12	264	400574	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	5607	7.44	ng/uL	0.00
5) Phenol-d5	7.30	99	65235	19.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	40737	18.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	41400	19.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	54585	20.00	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	21542	19.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	22659	17.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	56692	20.73	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	63401	24.42	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	187102	18.39	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	214639	19.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	19474	12.15	ng/ul	0.00
58) Fluorene-d10	15.77	176	178103	19.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	8032	3.82	ng/ul	0.00
71) Anthracene-d10	17.63	188	311975	19.76	ng/ul	0.00
79) Pyrene-d10	19.90	212	364394	19.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.90	264	410019	19.61	ng/ul	0.01

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.48	88	6223	7.25	ng/uL	93
4) Benzaldehyde	7.27	77	51862	21.59	ng/ul	98
6) Phenol	7.33	94	70424	19.79	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.56	93	47240	19.07	ng/ul	96
10) 2-Chlorophenol	7.71	128	41377	20.03	ng/ul	91
11) 2-Methylphenol	8.59	108	51669	19.72	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.68	45	39719	18.36	ng/ul#	88
14) Acetophenone	8.98	105	82659	18.33	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.95	70	51722	16.98	ng/ul#	98
16) 4-Methylphenol	8.92	108	56403	19.10	ng/ul	92
17) Hexachloroethane	9.24	117	18163	18.51	ng/ul	96
20) Nitrobenzene	9.37	77	76561	18.92	ng/ul	98
21) Isophorone	9.89	82	139378	17.86	ng/ul	98
23) 2-Nitrophenol	10.08	139	23998	17.53	ng/ul	96
24) 2,4-Dimethylphenol	10.14	107	72206	19.80	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.37	93	70449	18.23	ng/ul	94
27) 2,4-Dichlorophenol	10.62	162	54754	21.03	ng/ul	98
28) Naphthalene	11.03	128	140931	19.07	ng/ul	99
30) 4-Chloroaniline	11.13	127	61455	22.76	ng/ul	92
31) Hexachlorobutadiene	11.31	225	46893	20.01	ng/ul	96
32) Caprolactam	11.89	113	20579	19.43	ng/ul	87
33) 4-Chloro-3-methylphenol	12.25	107	74493	20.52	ng/ul	94
34) 2-Methylnaphthalene	12.63	142	113774	19.30	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.84	142	112021	19.07	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.99	216	91017	20.18	ng/ul	98
38) Hexachlorocyclopentadiene	12.97	237	25926	9.87	ng/ul	93
39) 2,4,6-Trichlorophenol	13.23	196	57359	20.85	ng/ul	95
40) 2,4,5-Trichlorophenol	13.30	196	57789	20.08	ng/ul	99
41) 1,1'-Biphenyl	13.62	154	159812	19.10	ng/ul	97
42) 2-Chloronaphthalene	13.67	162	127504	19.60	ng/ul	99
43) 2-Nitroaniline	13.87	65	53194	19.36	ng/ul	94
45) Dimethylphthalate	14.23	163	186717	18.51	ng/ul	99
46) 2,6-Dinitrotoluene	14.35	165	37497	18.58	ng/ul	98
48) Acenaphthylene	14.51	152	213227	19.37	ng/ul	94
49) 3-Nitroaniline	14.69	138	37931	22.55	ng/ul	97
50) Acenaphthene	14.85	153	147743	19.60	ng/ul	97
51) 2,4-Dinitrophenol	14.90	184	2687	2.03	ng/ul#	77
53) 4-Nitrophenol	14.99	109	23107	11.83	ng/ul	95
54) Dibenzofuran	15.18	168	224011	20.27	ng/ul	96
55) 2,4-Dinitrotoluene	15.14	165	55440	17.66	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.41	232	53306	17.47	ng/ul#	93
57) Diethylphthalate	15.58	149	185080	18.36	ng/ul	97
59) Fluorene	15.83	166	191055	19.78	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.81	204	110246	19.62	ng/ul	98
61) 4-Nitroaniline	15.85	138	41650	20.57	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.90	198	8269	3.71	ng/ul	95
65) N-Nitrosodiphenylamine	16.03	169	170921	19.51	ng/ul	99
66) 4-Bromophenyl-phenylether	16.71	248	77569	19.83	ng/ul	98
67) Hexachlorobenzene	16.83	284	82925	20.11	ng/ul	96
68) Atrazine	16.97	200	82326	20.14	ng/ul#	96
69) Pentachlorophenol	17.18	266	15139	6.56	ng/ul	94
70) Phenanthrene	17.57	178	335025	19.25	ng/ul	98
72) Anthracene	17.66	178	345405	19.68	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.59	216	93765	20.88	ng/uL	97
74) Pentachlorobenzene	15.10	250	96634	20.63	ng/uL	97
75) Carbazole	17.93	167	284012	20.15	ng/ul	99
76) Di-n-butylphthalate	18.47	149	340420	18.62	ng/ul	100
77) Fluoranthene	19.57	202	456763	20.59	ng/ul	98
80) Pvrene	19.93	202	460522	18.85	ng/ul	97
81) Butylbenzylphthalate	20.79	149	155002	19.29	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.69	252	135038	17.65	ng/ul	99
83) Benzo(a)anthracene	21.78	228	486521	19.19	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.66	149	225028	19.10	ng/ul#	98
85) Chrysene	21.85	228	458273	19.20	ng/ul	97
87) Di-n-octyl phthalate	22.90	149	388409	19.97	ng/ul	100
88) Benzo(b)fluoranthene	24.05	252	477219	19.33	ng/ul	97
89) Benzo(k)fluoranthene	24.13	252	451712	18.97	ng/ul	99
91) Benzo(a)pyrene	24.97	252	460763	19.39	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.93	276	518358	19.49	ng/ul	93
93) Dibenzo(a,h)anthracene	28.99	278	430646	19.70	ng/ul#	98
94) Benzo(a,h,i)perylene	30.12	276	430512	19.51	ng/ul	98

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

