

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
 Data File : BG024908.D
 Acq On : 23 Nov 2016 14:16
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02032

Quant Time: Nov 23 15:00:09 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 23 14:45:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	99243	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	447540	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	374754	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	862411	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	1049590	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	1078465	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	16409	7.84	ng/uL	0.00
5) Phenol-d5	7.39	99	191495	20.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	118953	21.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	138928	21.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	165815	21.00	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	69067	19.58	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	87106	21.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	169070	20.33	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	200004	21.76	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	567245	20.59	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	632729	20.87	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	98579	20.34	ng/ul	0.00
57) Fluorene-d10	15.86	176	524123	20.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	126234	20.62	ng/ul	0.00
70) Anthracene-d10	17.71	188	812434	20.71	ng/ul	0.00
76) Pyrene-d10	19.98	212	984429	21.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	1005741	20.97	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.64	88	18438	7.44	ng/uL#	77
4) Benzaldehyde	7.38	77	143892	24.44	ng/ul	96
6) Phenol	7.42	94	196900	20.82	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.66	93	143854	21.40	ng/ul	93
10) 2-Chlorophenol	7.81	128	132672	21.06	ng/ul	90
11) 2-Methylphenol	8.68	108	140571	20.12	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.77	45	236427	20.60	ng/ul	98
14) Acetophenone	9.08	105	238533	20.81	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.05	70	135914	20.01	ng/ul#	92
16) 4-Methylphenol	9.01	108	161398	21.04	ng/ul	90
17) Hexachloroethane	9.34	117	59157	20.61	ng/ul	95
20) Nitrobenzene	9.47	77	211640	20.52	ng/ul	98
21) Isophorone	9.98	82	394611	20.17	ng/ul	95
23) 2-Nitrophenol	10.18	139	90834	20.85	ng/ul#	87
24) 2,4-Dimethylphenol	10.22	107	197231	19.58	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.46	93	207106	20.09	ng/ul#	92
27) 2,4-Dichlorophenol	10.72	162	164429	20.22	ng/ul	93
28) Naphthalene	11.13	128	444428	20.33	ng/ul	98
30) 4-Chloroaniline	11.24	127	190306	21.15	ng/ul	99
31) Hexachlorobutadiene	11.39	225	135719	21.00	ng/ul	96
32) Caprolactam	11.99	113	63928	20.46	ng/ul	95
33) 4-Chloro-3-methylphenol	12.33	107	202908	20.04	ng/ul	99
34) 2-Methylnaphthalene	12.71	142	357838	20.10	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	244760	20.67	ng/ul	96
37) Hexachlorocyclopentadiene	13.04	237	148037	20.36	ng/ul	95
38) 2,4,6-Trichlorophenol	13.31	196	161282	21.24	ng/ul	90
39) 2,4,5-Trichlorophenol	13.38	196	173367	20.15	ng/ul	97
40) 1,1'-Biphenyl	13.71	154	498496	20.69	ng/ul	97
41) 2-Chloronaphthalene	13.75	162	390882	20.55	ng/ul	96
42) 2-Nitroaniline	13.96	65	159927	20.64	ng/ul	97
44) Dimethylphthalate	14.31	163	546614	20.26	ng/ul	98
45) 2,6-Dinitrotoluene	14.44	165	120416	20.46	ng/ul	96
47) Acenaphthylene	14.59	152	605534	20.65	ng/ul	98
48) 3-Nitroaniline	14.78	138	117480	22.41	ng/ul#	94
49) Acenaphthene	14.93	153	419723	20.82	ng/ul	99
50) 2,4-Dinitrophenol	14.98	184	81296	20.15	ng/ul#	82
52) 4-Nitrophenol	15.06	109	117212	20.73	ng/ul	92
53) Dibenzofuran	15.26	168	650889	20.81	ng/ul	98
54) 2,4-Dinitrotoluene	15.23	165	178947	20.57	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.48	232	178085	20.38	ng/ul	96
56) Diethylphthalate	15.66	149	557267	20.18	ng/ul	95
58) Fluorene	15.91	166	525132	20.46	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.89	204	292432	20.56	ng/ul	87
60) 4-Nitroaniline	15.93	138	120024	20.89	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.99	198	124397	20.11	ng/ul#	92
64) N-Nitrosodiphenylamine	16.11	169	493464	20.50	ng/ul	96
65) 4-Bromophenyl-phenylether	16.79	248	219736	20.56	ng/ul	96
66) Hexachlorobenzene	16.91	284	247282	20.60	ng/ul	93
67) Atrazine	17.04	200	226940	20.85	ng/ul	94
68) Pentachlorophenol	17.26	266	148535	21.28	ng/ul	90
69) Phenanthrene	17.65	178	897564	20.23	ng/ul	98
71) Anthracene	17.74	178	918421	20.12	ng/ul	99
72) Carbazole	18.01	167	798575	21.16	ng/ul	99
73) Di-n-butylphthalate	18.54	149	960301	20.45	ng/ul	98
74) Fluoranthene	19.65	202	1137480	22.23	ng/ul	99
77) Pyrene	20.01	202	1140936	20.97	ng/ul	98
78) Butylbenzylphthalate	20.87	149	446861	20.93	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.79	252	432945	21.90	ng/ul	90
80) Benzo(a)anthracene	21.89	228	1215246	21.07	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.74	149	614525	20.49	ng/ul	100
82) Chrysene	21.96	228	1138105	20.93	ng/ul	98
84) Di-n-octyl phthalate	23.01	149	1057631	21.89	ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	1182723	20.56	ng/ul	97
86) Benzo(k)fluoranthene	24.30	252	1168402	21.22	ng/ul	97
88) Benzo(a)pyrene	25.16	252	1164599	20.83	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.25	276	1458131	21.27	ng/ul	99
90) Dibenzo(a,h)anthracene	29.32	278	1204233	21.05	ng/ul	97
91) Benzo(g,h,i)perylene	30.49	276	1180497	20.91	ng/ul	98

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

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