

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
 Data File : BG027522.D
 Acq On : 19 Jun 2017 10:22
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02089

Quant Time: Jun 20 00:55:59 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 19 01:52:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	33197	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	171845	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	115460	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	276265	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	302715	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	285422	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	4.08	96	6530	7.87	ng/uL	0.00
5) Phenol-d5	7.65	99	73835	20.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	52164	21.26	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	51364	21.59	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	60900	21.64	ng/ul	0.00
19) Nitrobenzene-d5	9.69	128	25885	20.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	27993	21.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	53543	21.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	76190	24.02	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	187610	19.41	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	229476	20.61	ng/ul	0.00
51) 4-Nitrophenol-d4	15.27	143	32688	17.28	ng/ul	0.00
57) Fluorene-d10	16.09	176	180757	19.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	32343	18.85	ng/ul	0.00
70) Anthracene-d10	17.95	188	263552	20.46	ng/ul	0.00
76) Pyrene-d10	20.22	212	289693	19.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.63	264	259991	20.23	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	4.11	88	7325	7.62	ng/uL#	80
4) Benzaldehyde	7.67	77	53617	25.47	ng/ul	96
6) Phenol	7.68	94	78507	20.81	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.92	93	57922	20.88	ng/ul	95
10) 2-Chlorophenol	8.08	128	52715	22.02	ng/ul	95
11) 2-Methylphenol	8.93	108	54994	20.17	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.03	45	102394	22.17	ng/ul	98
14) Acetophenone	9.33	105	92821	21.34	ng/ul#	90
15) N-Nitroso-di-n-propylamine	9.30	70	55433	22.56	ng/ul	88
16) 4-Methylphenol	9.26	108	63463	21.19	ng/ul	97
17) Hexachloroethane	9.61	117	19995	21.78	ng/ul#	74
20) Nitrobenzene	9.72	77	76261	21.69	ng/ul#	96
21) Isophorone	10.24	82	145516	20.99	ng/ul#	96
23) 2-Nitrophenol	10.44	139	31038	21.31	ng/ul#	84
24) 2,4-Dimethylphenol	10.47	107	74781	21.56	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.71	93	85434	20.03	ng/ul#	93
27) 2,4-Dichlorophenol	10.97	162	53190	21.00	ng/ul	98
28) Naphthalene	11.39	128	177345	20.08	ng/ul	98
30) 4-Chloroaniline	11.49	127	73350	23.44	ng/ul	93
31) Hexachlorobutadiene	11.66	225	33628	21.59	ng/ul	87
32) Caprolactam	12.24	113	21890	19.60	ng/ul	93
33) 4-Chloro-3-methylphenol	12.57	107	74298	22.27	ng/ul	98
34) 2-Methylnaphthalene	12.95	142	133705	20.42	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.31	216	71727	20.99	ng/ul	95
37) Hexachlorocyclopentadiene	13.29	237	32919	17.20	ng/ul#	97
38) 2,4,6-Trichlorophenol	13.54	196	48817	21.58	ng/ul	94
39) 2,4,5-Trichlorophenol	13.62	196	51127	21.71	ng/ul	97
40) 1,1'-Biphenyl	13.94	154	181875	19.91	ng/ul#	96
41) 2-Chloronaphthalene	13.99	162	138474	20.10	ng/ul	95
42) 2-Nitroaniline	14.19	65	58181	22.45	ng/ul	96
44) Dimethylphthalate	14.54	163	186106	19.41	ng/ul	97
45) 2,6-Dinitrotoluene	14.66	165	38325	21.47	ng/ul	95
47) Acenaphthylene	14.83	152	227677	20.40	ng/ul	98
48) 3-Nitroaniline	15.00	138	38368	19.81	ng/ul#	87
49) Acenaphthene	15.17	153	152395	19.58	ng/ul	98
50) 2,4-Dinitrophenol	15.20	184	21360	17.27	ng/ul	95
52) 4-Nitrophenol	15.29	109	30077	20.00	ng/ul#	58
53) Dibenzofuran	15.50	168	223310	19.69	ng/ul	98
54) 2,4-Dinitrotoluene	15.45	165	56289	20.60	ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	15.72	232	49379	21.56	ng/ul#	89
56) Diethylphthalate	15.89	149	198882	19.63	ng/ul	99
58) Fluorene	16.15	166	190397	20.23	ng/ul	97
59) 4-Chlorophenyl-phenylether	16.13	204	96938	20.49	ng/ul#	86
60) 4-Nitroaniline	16.16	138	42711	18.00	ng/ul#	76
63) 4,6-Dinitro-2-methylphenol	16.21	198	34506	19.06	ng/ul#	98
64) N-Nitrosodiphenylamine	16.34	169	167900	21.13	ng/ul	95
65) 4-Bromophenyl-phenylether	17.03	248	59772	21.36	ng/ul	89
66) Hexachlorobenzene	17.15	284	63602	21.58	ng/ul	95
67) Atrazine	17.28	200	61635	20.25	ng/ul	96
68) Pentachlorophenol	17.49	266	36859	18.84	ng/ul	92
69) Phenanthrene	17.90	178	299577	20.18	ng/ul	97
71) Anthracene	17.99	178	307644	20.38	ng/ul	99
72) Carbazole	18.25	167	251384	19.36	ng/ul	99
73) Di-n-butylphthalate	18.78	149	323172	20.13	ng/ul#	98
74) Fluoranthene	19.89	202	340318	20.37	ng/ul#	86
77) Pyrene	20.25	202	351552	19.65	ng/ul#	85
78) Butylbenzylphthalate	21.13	149	140662	20.86	ng/ul	97
79) 3,3'-Dichlorobenzidine	22.10	252	120206	21.57	ng/ul#	93
80) Benzo(a)anthracene	22.21	228	353834	20.99	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	22.06	149	202310	20.89	ng/ul	96
82) Chrysene	22.28	228	314155	20.63	ng/ul	99
84) Di-n-octyl phthalate	23.42	149	347132	19.41	ng/ul	100
85) Benzo(b)fluoranthene	24.71	252	332695	19.57	ng/ul#	96
86) Benzo(k)fluoranthene	24.79	252	336819	20.61	ng/ul#	95
88) Benzo(a)pyrene	25.71	252	333646	20.44	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	30.08	276	378585	20.32	ng/ul#	92
90) Dibenzo(a,h)anthracene	30.16	278	328739	20.55	ng/ul#	89
91) Benzo(g,h,i)perylene	31.40	276	298032	19.54	ng/ul#	90

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

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