

Data Path : Z:\HPCHEM1\BNA_G\Data\BG091515\
 Data File : BG018689.D
 Acq On : 15 Sep 2015 19:03
 Operator : UM/IZ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02093

Quant Time: Sep 15 19:37:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 10 15:37:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	87004	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	389997	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	267743	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	668064	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	708628	20.00	ng/ul	0.00
86) Perylene-d12	24.82	264	727031	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	13408	7.41	ng/uL	0.00
5) Phenol-d5	7.16	99	150144	21.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	84105	20.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	116543	21.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	123981	21.39	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	59758	20.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	62658	21.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	135825	21.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	164263	22.57	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	407522	18.91	ng/ul	-0.01
47) Acenaphthylene-d8	14.32	160	517951	20.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	79820	19.30	ng/ul	0.00
58) Fluorene-d10	15.62	176	378326	20.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	65022	20.56	ng/ul	0.00
71) Anthracene-d10	17.47	188	609604	20.73	ng/ul	0.00
79) Pyrene-d10	19.75	212	659573	20.23	ng/ul	-0.01
90) Benzo(a)pyrene-d12	24.60	264	735473	20.79	ng/ul	-0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.47	88	15591	7.97 ng/uL#	70
4) Benzaldehyde	7.14	77	97733	23.65 ng/ul	99
6) Phenol	7.19	94	155961	21.10 ng/ul	94
8) Bis(2-Chloroethyl)ether	7.42	93	114249	20.70 ng/ul	94
10) 2-Chlorophenol	7.56	128	116480	20.80 ng/ul	93
11) 2-Methylphenol	8.44	108	121506	21.38 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.53	45	134493	20.53 ng/ul#	93
14) Acetophenone	8.82	105	182183	20.64 ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.80	70	89490	19.65 ng/ul#	85
16) 4-Methylphenol	8.77	108	134080	21.46 ng/ul	97
17) Hexachloroethane	9.09	117	45339	20.31 ng/ul#	79
20) Nitrobenzene	9.20	77	132716	19.37 ng/ul#	86
21) Isophorone	9.72	82	260954	18.69 ng/ul	96
23) 2-Nitrophenol	9.91	139	69392	20.72 ng/ul#	85
24) 2,4-Dimethylphenol	9.97	107	142889	20.58 ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.21	93	158094	19.21 ng/ul	95
27) 2,4-Dichlorophenol	10.45	162	129482	20.68 ng/ul	96
28) Naphthalene	10.85	128	401762	20.24 ng/ul	97
30) 4-Chloroaniline	10.96	127	170144	22.60 ng/ul	100
31) Hexachlorobutadiene	11.14	225	79062	20.46 ng/ul	98
32) Caprolactam	11.71	113	42703	16.66 ng/ul	92
33) 4-Chloro-3-methylphenol	12.08	107	142042	21.28 ng/ul	97
34) 2-Methylnaphthalene	12.46	142	297039	20.26 ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.68	142	286182	20.37	ng/ul#	97
37) 1,2,4,5-Tetrachlorobenzene	12.83	216	162625	19.59	ng/ul#	96
38) Hexachlorocyclopentadiene	12.81	237	83777	18.15	ng/ul	94
39) 2,4,6-Trichlorophenol	13.06	196	113619	21.08	ng/ul	99
40) 2,4,5-Trichlorophenol	13.13	196	124958	21.53	ng/ul	99
41) 1,1'-Biphenyl	13.46	154	397779	19.63	ng/ul	97
42) 2-Chloronaphthalene	13.50	162	311848	20.19	ng/ul	97
43) 2-Nitroaniline	13.70	65	89879	19.63	ng/ul#	77
45) Dimethylphthalate	14.08	163	399633	19.13	ng/ul#	99
46) 2,6-Dinitrotoluene	14.20	165	85540	20.36	ng/ul	88
48) Acenaphthylene	14.35	152	545222	20.07	ng/ul	99
49) 3-Nitroaniline	14.53	138	96914	21.73	ng/ul	83
50) Acenaphthene	14.69	153	365389	19.97	ng/ul	99
51) 2,4-Dinitrophenol	14.73	184	32178	17.03	ng/ul#	82
53) 4-Nitrophenol	14.84	109	52399	18.48	ng/ul	90
54) Dibenzofuran	15.03	168	515612	20.08	ng/ul	95
55) 2,4-Dinitrotoluene	14.98	165	127719	20.42	ng/ul	87
56) 2,3,4,6-Tetrachlorophenol	15.25	232	114103	20.36	ng/ul	92
57) Diethylphthalate	15.44	149	414385	19.09	ng/ul	98
59) Fluorene	15.67	166	436557	20.13	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.67	204	211356	20.44	ng/ul	90
61) 4-Nitroaniline	15.69	138	105341	20.54	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.75	198	65319	20.13	ng/ul#	87
65) N-Nitrosodiphenylamine	15.88	169	374053	21.38	ng/ul	96
66) 4-Bromophenyl-phenylether	16.56	248	136978	20.93	ng/ul	95
67) Hexachlorobenzene	16.68	284	154085	21.23	ng/ul	94
68) Atrazine	16.82	200	162298	21.06	ng/ul	97
69) Pentachlorophenol	17.02	266	75118	17.76	ng/ul	92
70) Phenanthrene	17.41	178	700880	20.64	ng/ul	98
72) Anthracene	17.51	178	714658	20.98	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.43	216	164550	20.70	ng/uL	99
74) Pentachlorobenzene	14.95	250	169501	21.83	ng/uL	96
75) Carbazole	17.77	167	648982	21.45	ng/ul	100
76) Di-n-butylphthalate	18.33	149	779009	20.39	ng/ul	99
77) Fluoranthene	19.42	202	826064	21.94	ng/ul	97
80) Pyrene	19.78	202	843946	20.25	ng/ul	99
81) Butylbenzylphthalate	20.66	149	336597	21.05	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.52	252	294255	23.42	ng/ul	99
83) Benzo(a)anthracene	21.61	228	805733	20.51	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	500924	21.14	ng/ul#	98
85) Chrysene	21.68	228	750563	20.71	ng/ul	98
87) Di-n-octyl phthalate	22.72	149	853041	22.17	ng/ul	100
88) Benzo(b)fluoranthene	23.80	252	850659	20.69	ng/ul	100
89) Benzo(k)fluoranthene	23.87	252	777561	19.75	ng/ul	98
91) Benzo(a)pyrene	24.67	252	791857	20.27	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.44	276	932334	20.58	ng/ul	100
93) Dibenzo(a,h)anthracene	28.50	278	764552	21.03	ng/ul	96
94) Benzo(g,h,i)perylene	29.57	276	760557	20.11	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

