

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121515\
 Data File : BG020150.D
 Acq On : 14 Dec 2015 10:13
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02032

Quant Time: Dec 15 03:43:25 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 14 17:35:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	22204	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	97764	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	71494	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	190459	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	203250	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	191330	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	2934	7.30	ng/uL	0.00
5) Phenol-d5	7.24	99	38640	19.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	23693	20.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	29400	20.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	33130	19.79	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	15718	20.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	17604	20.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	35523	20.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	42191	21.87	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	118519	20.49	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	137732	20.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	21439	20.67	ng/ul	0.00
58) Fluorene-d10	15.72	176	108672	20.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	21352	18.91	ng/ul	0.00
71) Anthracene-d10	17.57	188	175690	20.02	ng/ul	0.00
79) Pyrene-d10	19.85	212	200285	21.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	198605	20.81	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.51	88	4612	7.76 ng/uL	94
4) Benzaldehyde	7.23	77	27011	21.31 ng/ul	93
6) Phenol	7.27	94	41444	19.77 ng/ul	95
8) Bis(2-Chloroethyl)ether	7.51	93	29267	20.35 ng/ul	94
10) 2-Chlorophenol	7.66	128	30259	20.29 ng/ul	95
11) 2-Methylphenol	8.53	108	31567	19.74 ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.63	45	42801	20.66 ng/ul	99
14) Acetophenone	8.92	105	53173	20.28 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.90	70	27945	20.13 ng/ul	95
16) 4-Methylphenol	8.87	108	36104	20.39 ng/ul	97
17) Hexachloroethane	9.19	117	12052	19.23 ng/ul	97
20) Nitrobenzene	9.31	77	41902	20.75 ng/ul	96
21) Isophorone	9.83	82	78358	20.32 ng/ul	98
23) 2-Nitrophenol	10.02	139	19113	21.02 ng/ul	98
24) 2,4-Dimethylphenol	10.07	107	43152	20.90 ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.31	93	43210	20.69 ng/ul	96
27) 2,4-Dichlorophenol	10.56	162	35188	19.94 ng/ul	89
28) Naphthalene	10.97	128	103708	20.31 ng/ul	99
30) 4-Chloroaniline	11.07	127	41805	21.22 ng/ul	100
31) Hexachlorobutadiene	11.25	225	26718	20.31 ng/ul	96
32) Caprolactam	11.82	113	12806	20.57 ng/ul	94
33) 4-Chloro-3-methylphenol	12.18	107	42589	20.31 ng/ul	95
34) 2-Methylnaphthalene	12.57	142	79182	20.30 ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.78	142	75161	20.05	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	54302	20.24	ng/ul	98
38) Hexachlorocyclopentadiene	12.91	237	32806	19.78	ng/ul	97
39) 2,4,6-Trichlorophenol	13.17	196	34819	20.23	ng/ul	96
40) 2,4,5-Trichlorophenol	13.24	196	39662	20.73	ng/ul	98
41) 1,1'-Biphenyl	13.57	154	110053	20.40	ng/ul	97
42) 2-Chloronaphthalene	13.61	162	88466	20.49	ng/ul	97
43) 2-Nitroaniline	13.81	65	30418	20.72	ng/ul	97
45) Dimethylphthalate	14.18	163	122328	20.71	ng/ul	97
46) 2,6-Dinitrotoluene	14.30	165	25306	20.71	ng/ul	92
48) Acenaphthylene	14.45	152	146453	20.49	ng/ul	100
49) 3-Nitroaniline	14.63	138	25339	21.36	ng/ul	90
50) Acenaphthene	14.79	153	99724	20.74	ng/ul	99
51) 2,4-Dinitrophenol	14.83	184	12547	18.04	ng/ul	95
53) 4-Nitrophenol	14.93	109	20992	21.04	ng/ul	95
54) Dibenzofuran	15.13	168	146626	20.49	ng/ul	100
55) 2,4-Dinitrotoluene	15.08	165	38007	21.19	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.35	232	38271	20.81	ng/ul#	99
57) Diethylphthalate	15.53	149	125663	20.50	ng/ul	99
59) Fluorene	15.78	166	118927	20.70	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.76	204	66872	20.64	ng/ul	99
61) 4-Nitroaniline	15.79	138	27125	21.15	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.85	198	23759	19.60	ng/ul#	90
65) N-Nitrosodiphenylamine	15.98	169	105881	19.99	ng/ul	97
66) 4-Bromophenyl-phenylether	16.66	248	44445	19.88	ng/ul	92
67) Hexachlorobenzene	16.78	284	47637	19.84	ng/ul	97
68) Atrazine	16.92	200	46984	20.80	ng/ul	98
69) Pentachlorophenol	17.11	266	27827	19.22	ng/ul	94
70) Phenanthrene	17.51	178	211724	20.32	ng/ul	99
72) Anthracene	17.61	178	212913	20.15	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	59321	19.88	ng/uL	99
74) Pentachlorobenzene	15.05	250	56580	20.44	ng/uL	97
75) Carbazole	17.87	167	182731	20.58	ng/ul	99
76) Di-n-butylphthalate	18.42	149	211802	20.53	ng/ul	99
77) Fluoranthene	19.52	202	253713	20.84	ng/ul	99
80) Pyrene	19.88	202	257647	20.94	ng/ul	99
81) Butylbenzylphthalate	20.76	149	89842	21.02	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.63	252	79223	21.33	ng/ul	98
83) Benzo(a)anthracene	21.73	228	246346	20.77	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	127689	20.89	ng/ul	97
85) Chrysene	21.79	228	232513	20.82	ng/ul	99
87) Di-n-octyl phthalate	22.85	149	216769	20.62	ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	234033	20.32	ng/ul	99
89) Benzo(k)fluoranthene	24.04	252	225004	20.36	ng/ul	99
91) Benzo(a)pyrene	24.86	252	228144	20.90	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.74	276	267986	20.61	ng/ul	97
93) Dibenzo(a,h)anthracene	28.81	278	222345	20.61	ng/ul	98
94) Benzo(g,h,i)perylene	29.92	276	222147	20.85	ng/ul	99

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

