

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
 Data File : BG020702.D
 Acq On : 13 Jan 2016 11:43
 Operator : SJ/IZ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02024

Quant Time: Jan 13 12:23:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 07:56:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	15339	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	68783	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	49557	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	130950	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	152665	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	145631	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	2602	8.29	ng/uL	0.00
5) Phenol-d5	7.20	99	27613	21.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	16417	20.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	22046	21.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	23641	21.32	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	11693	21.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	13552	21.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	25049	20.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	24750	20.83	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	84516	19.54	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	101050	20.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	11864	20.43	ng/ul	0.00
58) Fluorene-d10	15.67	176	80211	20.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	14166	19.89	ng/ul	0.00
71) Anthracene-d10	17.53	188	131385	20.47	ng/ul	0.00
79) Pyrene-d10	19.81	212	152705	21.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	158851	20.46	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	3026	7.98	ng/uL#	76
4) Benzaldehyde	7.18	77	19860	22.08	ng/ul	96
6) Phenol	7.23	94	30230	21.39	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.46	93	21553	20.72	ng/ul	99
10) 2-Chlorophenol	7.60	128	23625	21.85	ng/ul	96
11) 2-Methylphenol	8.49	108	22995	21.13	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.57	45	29260	21.71	ng/ul	99
14) Acetophenone	8.87	105	39513	21.60	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.85	70	19605	21.13	ng/ul#	98
16) 4-Methylphenol	8.82	108	25879	21.44	ng/ul	94
17) Hexachloroethane	9.12	117	9538	20.76	ng/ul	98
20) Nitrobenzene	9.25	77	29876	21.17	ng/ul	99
21) Isophorone	9.77	82	57053	20.68	ng/ul	97
23) 2-Nitrophenol	9.97	139	14840	21.21	ng/ul	91
24) 2,4-Dimethylphenol	10.02	107	30595	20.81	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.25	93	31182	20.18	ng/ul	99
27) 2,4-Dichlorophenol	10.51	162	27001	21.20	ng/ul	98
28) Naphthalene	10.91	128	81209	20.89	ng/ul	99
30) 4-Chloroaniline	11.02	127	26024	20.39	ng/ul	100
31) Hexachlorobutadiene	11.19	225	21475	19.84	ng/ul	97
32) Caprolactam	11.78	113	8702	20.02	ng/ul	90
33) 4-Chloro-3-methylphenol	12.14	107	28810	20.95	ng/ul	97
34) 2-Methylnaphthalene	12.51	142	60229	20.77	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.73	142	57648	21.07	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	42157	20.80	ng/ul	99
38) Hexachlorocyclopentadiene	12.86	237	4600	10.56	ng/ul	99
39) 2,4,6-Trichlorophenol	13.12	196	23533	21.29	ng/ul	100
40) 2,4,5-Trichlorophenol	13.20	196	25206	20.77	ng/ul	98
41) 1,1'-Biphenyl	13.51	154	83104	20.96	ng/ul	99
42) 2-Chloronaphthalene	13.56	162	67767	20.98	ng/ul	99
43) 2-Nitroaniline	13.77	65	20010	21.54	ng/ul	96
45) Dimethylphthalate	14.13	163	90698	19.52	ng/ul	98
46) 2,6-Dinitrotoluene	14.26	165	18859	20.72	ng/ul	96
48) Acenaphthylene	14.41	152	106928	20.86	ng/ul	98
49) 3-Nitroaniline	14.59	138	17163	21.28	ng/ul	98
50) Acenaphthene	14.75	153	71984	20.35	ng/ul	99
51) 2,4-Dinitrophenol	14.81	184	4236	17.93	ng/ul	92
53) 4-Nitrophenol	14.91	109	10080	18.80	ng/ul	88
54) Dibenzofuran	15.08	168	111793	21.00	ng/ul	99
55) 2,4-Dinitrotoluene	15.05	165	28636	20.92	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.31	232	22199	20.54	ng/ul#	98
57) Diethylphthalate	15.49	149	91559	19.41	ng/ul	98
59) Fluorene	15.73	166	88460	20.37	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.72	204	51405	20.38	ng/ul	96
61) 4-Nitroaniline	15.76	138	20060	21.49	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.82	198	15266	19.93	ng/ul	99
65) N-Nitrosodiphenylamine	15.93	169	79125	20.86	ng/ul	99
66) 4-Bromophenyl-phenylether	16.61	248	33466	20.21	ng/ul	99
67) Hexachlorobenzene	16.73	284	38124	20.77	ng/ul	99
68) Atrazine	16.87	200	34334	20.40	ng/ul	95
69) Pentachlorophenol	17.09	266	9582	19.12	ng/ul	96
70) Phenanthrene	17.47	178	158570	20.35	ng/ul	99
72) Anthracene	17.56	178	161595	20.55	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	39870	21.17	ng/uL	98
74) Pentachlorobenzene	15.00	250	41677	21.24	ng/uL	98
75) Carbazole	17.83	167	134520	20.87	ng/ul	98
76) Di-n-butylphthalate	18.37	149	161353	20.46	ng/ul	100
77) Fluoranthene	19.48	202	199658	21.08	ng/ul	98
80) Pyrene	19.84	202	203453	21.02	ng/ul	99
81) Butylbenzylphthalate	20.71	149	71652	22.03	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.59	252	65618	21.78	ng/ul	99
83) Benzo(a)anthracene	21.68	228	199438	20.94	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	102183	21.30	ng/ul	97
85) Chrysene	21.75	228	186578	20.72	ng/ul	99
87) Di-n-octyl phthalate	22.77	149	175727	21.30	ng/ul	100
88) Benzo(b)fluoranthene	23.91	252	191464	20.41	ng/ul	99
89) Benzo(k)fluoranthene	23.98	252	186083	20.09	ng/ul	97
91) Benzo(a)pyrene	24.80	252	183584	20.34	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.68	276	221150	20.76	ng/ul#	94
93) Dibenzo(a,h)anthracene	28.72	278	184025	20.98	ng/ul	99
94) Benzo(g,h,i)perylene	29.84	276	183389	20.87	ng/ul	99

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

