

Data Path : Z:\HPCHEM1\BNA G\Data\BG122115\
 Data File : BG020380.D
 Acq On : 21 Dec 2015 16:51
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02015

Quant Time: Dec 22 02:00:17 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 07:46:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	34499	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	148679	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	99835	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	234038	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	286214	20.00	ng/ul	0.00
86) Perylene-d12	25.03	264	249667	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	4793	7.67	ng/uL	0.00
5) Phenol-d5	7.26	99	61579	20.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	36427	20.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	49149	22.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	52140	20.04	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	25701	22.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	29563	22.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	56474	21.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	67214	22.90	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	163042	20.19	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	200343	21.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	26602	18.37	ng/ul	0.00
58) Fluorene-d10	15.71	176	150303	20.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	26688	19.24	ng/ul	0.00
71) Anthracene-d10	17.57	188	231461	21.46	ng/ul	0.00
79) Pyrene-d10	19.85	212	264815	19.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	280765	22.55	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.50	88	5841m	6.33	ng/ul
4) Benzaldehyde	7.22	77	41140	20.89	ng/ul
6) Phenol	7.28	94	66559	20.43	ng/ul
8) Bis(2-Chloroethyl)ether	7.51	93	46994	21.03	ng/ul
10) 2-Chlorophenol	7.66	128	50260	21.69	ng/ul
11) 2-Methylphenol	8.54	108	49685	19.99	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.63	45	62580	19.44	ng/ul
14) Acetophenone	8.92	105	81660	20.05	ng/ul
15) N-Nitroso-di-n-propylamine	8.90	70	41607	19.29	ng/ul
16) 4-Methylphenol	8.87	108	55038	20.01	ng/ul
17) Hexachloroethane	9.18	117	19723	20.25	ng/ul
20) Nitrobenzene	9.30	77	63659	20.73	ng/ul
21) Isophorone	9.83	82	112283	19.15	ng/ul
23) 2-Nitrophenol	10.02	139	31524	22.80	ng/ul
24) 2,4-Dimethylphenol	10.08	107	64054	20.40	ng/ul
25) Bis(2-Chloroethoxy)methane	10.31	93	65230	20.54	ng/ul
27) 2,4-Dichlorophenol	10.56	162	57375	21.38	ng/ul
28) Naphthalene	10.96	128	166135	21.40	ng/ul
30) 4-Chloroaniline	11.07	127	68070	22.72	ng/ul
31) Hexachlorobutadiene	11.24	225	42196	21.10	ng/ul
32) Caprolactam	11.84	113	17133m	18.09	ng/ul
33) 4-Chloro-3-methylphenol	12.19	107	60769	19.06	ng/ul
34) 2-Methylnaphthalene	12.56	142	123798	20.87	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.78	142	116687	20.47	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.92	216	85559	22.84	ng/ul	99
38) Hexachlorocyclopentadiene	12.90	237	25642	11.07	ng/ul	98
39) 2,4,6-Trichlorophenol	13.16	196	51420	21.40	ng/ul	99
40) 2,4,5-Trichlorophenol	13.24	196	55835	20.90	ng/ul	98
41) 1,1'-Biphenyl	13.56	154	166645	22.13	ng/ul	97
42) 2-Chloronaphthalene	13.60	162	132212	21.93	ng/ul	97
43) 2-Nitroaniline	13.81	65	40388	19.70	ng/ul	94
45) Dimethylphthalate	14.17	163	166639	20.20	ng/ul	98
46) 2,6-Dinitrotoluene	14.30	165	35930	21.06	ng/ul	94
48) Acenaphthylene	14.45	152	210387	21.08	ng/ul	99
49) 3-Nitroaniline	14.63	138	36174	21.84	ng/ul	92
50) Acenaphthene	14.79	153	142327	21.19	ng/ul	100
51) 2,4-Dinitrophenol	14.84	184	16256	16.74	ng/ul	95
53) 4-Nitrophenol	14.95	109	23346	16.76	ng/ul	91
54) Dibenzofuran	15.13	168	209630	20.98	ng/ul	99
55) 2,4-Dinitrotoluene	15.08	165	51789	20.68	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.35	232	48617	18.93	ng/ul	99
57) Diethylphthalate	15.53	149	167401	19.56	ng/ul	100
59) Fluorene	15.77	166	166428	20.74	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.76	204	95312	21.07	ng/ul	93
61) 4-Nitroaniline	15.80	138	37248	20.80	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.85	198	28257	18.97	ng/ul#	95
65) N-Nitrosodiphenylamine	15.97	169	145919	22.42	ng/ul	97
66) 4-Bromophenyl-phenylether	16.65	248	62907	22.90	ng/ul	97
67) Hexachlorobenzene	16.78	284	66016	22.38	ng/ul#	90
68) Atrazine	16.92	200	58786	21.18	ng/ul	99
69) Pentachlorophenol	17.12	266	27281	15.34	ng/ul	92
70) Phenanthrene	17.51	178	273838	21.39	ng/ul	99
72) Anthracene	17.60	178	281529	21.68	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	91644	25.00	ng/uL	97
74) Pentachlorobenzene	15.04	250	81800	24.05	ng/uL	96
75) Carbazole	17.88	167	240045	22.00	ng/ul	99
76) Di-n-butylphthalate	18.42	149	268285	21.16	ng/ul	100
77) Fluoranthene	19.51	202	341845	22.85	ng/ul	99
80) Pvrene	19.88	202	342811	19.79	ng/ul	100
81) Butylbenzylphthalate	20.75	149	124711	20.72	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.64	252	118734	22.71	ng/ul	100
83) Benzo(a)anthracene	21.73	228	357913	21.43	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.61	149	165241	19.20	ng/ul	100
85) Chrysene	21.79	228	341406	21.71	ng/ul	99
87) Di-n-octyl phthalate	22.84	149	293986	21.43	ng/ul	100
88) Benzo(b)fluoranthene	23.98	252	324609	21.60	ng/ul	96
89) Benzo(k)fluoranthene	24.05	252	341528m	23.68	ng/ul	
91) Benzo(a)pyrene	24.87	252	315959	22.18	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.76	276	285823	16.85	ng/ul	98
93) Dibenzo(a,h)anthracene	28.83	278	257290	18.27	ng/ul#	97
94) Benzo(a,h,i)perylene	29.94	276	213355	15.34	ng/ul	97

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

