

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070915\
 Data File : BG017806.D
 Acq On : 9 Jul 2015 13:43
 Operator : TP/UM
 Sample : SSTD04041
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD04041

Manual Integrations
 APPROVED

apatel
 7/10/2015 1:32:58 PM

Quant Time: Jul 10 04:22:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 10 03:48:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	60103	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	303293	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	188233	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	400007	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	415631	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	391443	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	24150	15.99	ng/uL	0.00
5) Phenol-d5	6.78	99	239211	46.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	142092	46.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	195993	44.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	199513	46.83	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	101985	43.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	107505	45.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	184931	42.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	269225	45.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	566317	43.65	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	703911	41.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	126460	47.94	ng/ul	0.00
57) Fluorene-d10	15.25	176	505590	39.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	99918	50.50	ng/ul	0.00
70) Anthracene-d10	17.11	188	750984	40.53	ng/ul	0.00
78) Pyrene-d10	19.41	212	814742	40.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	801546	44.81	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	24153	15.72	ng/uL	92
4) Benzaldehyde	6.74	77	153690	47.80	ng/ul	97
6) Phenol	6.80	94	256821	46.18	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.03	93	185632	45.29	ng/ul	97
10) 2-Chlorophenol	7.16	128	191086	43.21	ng/ul	95
11) 2-Methylphenol	8.04	108	193478	47.23	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	284537	45.49	ng/ul	98
14) Acetophenone	8.42	105	287814	45.94	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.41	70	179623	45.25	ng/ul	96
16) 4-Methylphenol	8.37	108	217080	46.80	ng/ul	91
17) Hexachloroethane	8.66	117	76167	40.77	ng/ul	96
20) Nitrobenzene	8.79	77	247277	42.16	ng/ul	98
21) Isophorone	9.31	82	480405	43.22	ng/ul	96
23) 2-Nitrophenol	9.50	139	114802	44.34	ng/ul	96
24) 2,4-Dimethylphenol	9.57	107	237342	41.35	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.80	93	260066	41.75	ng/ul	99
27) 2,4-Dichlorophenol	10.03	162	182419	41.49	ng/ul	97
28) Naphthalene	10.43	128	636667	40.14	ng/ul	99
30) 4-Chloroaniline	10.54	127	267231	45.04	ng/ul	99
31) Hexachlorobutadiene	10.71	225	95158	37.80	ng/ul	94
32) Caprolactam	11.31	113	142888m	59.96	ng/ul	
33) 4-Chloro-3-methylphenol	11.68	107	225552	41.91	ng/ul	100
34) 2-Methylnaphthalene	12.05	142	455366	40.32	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	197488	39.86	ng/ul	96
37) Hexachlorocyclopentadiene	12.41	237	116599	45.83	ng/ul	97
38) 2,4,6-Trichlorophenol	12.68	196	137493	42.40	ng/ul	94
39) 2,4,5-Trichlorophenol	12.75	196	150302	42.11	ng/ul	97
40) 1,1'-Biphenyl	13.08	154	573779	40.52	ng/ul	97
41) 2-Chloronaphthalene	13.12	162	442978	40.91	ng/ul	98
42) 2-Nitroaniline	13.33	65	168907	45.33	ng/ul	97
44) Dimethylphthalate	13.72	163	571774	40.40	ng/ul	99
45) 2,6-Dinitrotoluene	13.84	165	125422	43.91	ng/ul	93
47) Acenaphthylene	13.97	152	751039	40.32	ng/ul	99
48) 3-Nitroaniline	14.16	138	143249	43.67	ng/ul	95
49) Acenaphthene	14.32	153	500580	40.09	ng/ul	99
50) 2,4-Dinitrophenol	14.37	184	67139	57.79	ng/ul	92
52) 4-Nitrophenol	14.49	109	100308	47.47	ng/ul	98
53) Dibenzofuran	14.66	168	674218	39.92	ng/ul	99
54) 2,4-Dinitrotoluene	14.63	165	180288	44.81	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.88	232	127518	44.21	ng/ul	99
56) Diethylphthalate	15.10	149	620975	40.56	ng/ul	97
58) Fluorene	15.31	166	600125	39.86	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.31	204	277310	39.59	ng/ul	92
60) 4-Nitroaniline	15.34	138	164505	43.85	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.40	198	107687	51.46	ng/ul	98
64) N-Nitrosodiphenylamine	15.53	169	504417	40.75	ng/ul	98
65) 4-Bromophenyl-phenylether	16.20	248	162508	40.49	ng/ul	98
66) Hexachlorobenzene	16.31	284	171921	40.27	ng/ul	94
67) Atrazine	16.48	200	194034	45.55	ng/ul	99
68) Pentachlorophenol	16.66	266	109606	61.61	ng/ul	97
69) Phenanthrene	17.05	178	888437	40.07	ng/ul	95
71) Anthracene	17.14	178	910025	39.80	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.04	216	199308	41.77	ng/uL	97
73) Pentachlorobenzene	14.57	250	202359	41.46	ng/uL	97
74) Carbazole	17.42	167	875431	45.69	ng/ul	98
75) Di-n-butylphthalate	17.99	149	1116954	42.25	ng/ul	97
76) Fluoranthene	19.07	202	1001951	46.45	ng/ul	96
79) Pyrene	19.44	202	1037780	40.40	ng/ul	96
80) Butylbenzylphthalate	20.35	149	508497	43.11	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.13	252	327294	44.65	ng/ul	98
82) Benzo(a)anthracene	21.19	228	930500	40.15	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.14	149	680128	41.49	ng/ul	99
84) Chrysene	21.24	228	873840	39.86	ng/ul	96
86) Di-n-octyl phthalate	22.01	149	1116691	46.87	ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	898241	39.68	ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	890545	41.30	ng/ul	99
90) Benzo(a)pyrene	23.33	252	881349	40.71	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.69	276	998520	42.18	ng/ul	97
92) Dibenzo(a,h)anthracene	25.70	278	853430	42.33	ng/ul	99
93) Benzo(g,h,i)perylene	26.38	276	817087	41.17	ng/ul	100

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

