

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051215\
 Data File : BM001257.D
 Acq On : 12 May 2015 17:30
 Operator : TP/IZ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02070

Manual Integrations
 APPROVED

apatel
 5/13/2015 2:38:52 PM

Quant Time: May 12 18:46:56 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051215.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 12 06:50:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	206944	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	889798	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	524422	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	1128275	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	1084746	20.00	ng/ul	0.00
83) Perylene-d12	23.19	264	946844	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.88	96	33866	7.97	ng/uL	0.00
5) Phenol-d5	6.63	99	318214	19.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	203082	20.42	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	263491	20.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	267604	20.03	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	127784	21.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	144539	21.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	279343	21.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	368604	22.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.54	166	743703	20.93	ng/ul	0.00
46) Acenaphthylene-d8	13.81	160	1072100	21.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.35	143	142663	19.84	ng/ul	0.00
57) Fluorene-d10	15.12	176	712902	20.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.26	200	137878	20.01	ng/ul	0.00
70) Anthracene-d10	16.97	188	1073256	20.85	ng/ul	0.00
76) Pyrene-d10	19.27	212	1090744	21.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.06	264	860333	20.58	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	2.91	88	34996	7.56 ng/uL	92
4) Benzaldehyde	6.58	77	216819	22.71 ng/ul	99
6) Phenol	6.66	94	340451	19.98 ng/ul	98
8) Bis(2-Chloroethyl)ether	6.87	93	269736	20.22 ng/ul	100
10) 2-Chlorophenol	7.00	128	276203	20.74 ng/ul	98
11) 2-Methylphenol	7.90	108	260126	19.96 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.99	45	488562	20.13 ng/ul	99
14) Acetophenone	8.26	105	443196	20.23 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.26	70	227019	21.39 ng/ul	98
16) 4-Methylphenol	8.23	108	290246	20.19 ng/ul	99
17) Hexachloroethane	8.51	117	113455	20.78 ng/ul	97
20) Nitrobenzene	8.65	77	333244	21.05 ng/ul	99
21) Isophorone	9.16	82	604205	21.93 ng/ul	99
23) 2-Nitrophenol	9.35	139	157550	21.05 ng/ul	93
24) 2,4-Dimethylphenol	9.43	107	326900	21.00 ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.66	93	373915	21.10 ng/ul	99
27) 2,4-Dichlorophenol	9.89	162	269114	20.74 ng/ul	98
28) Naphthalene	10.27	128	934100	20.42 ng/ul	99
30) 4-Chloroaniline	10.40	127	367734	21.78 ng/ul	100
31) Hexachlorobutadiene	10.56	225	167168	20.94 ng/ul	98
32) Caprolactam	11.14	113	86262m	21.26 ng/ul	
33) 4-Chloro-3-methylphenol	11.54	107	293495	21.35 ng/ul	99
34) 2-Methylnaphthalene	11.90	142	673553	20.75 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.29	216	327312	20.29	ng/ul	98
37) Hexachlorocyclopentadiene	12.26	237	182590	19.38	ng/ul	96
38) 2,4,6-Trichlorophenol	12.54	196	214269	21.26	ng/ul	96
39) 2,4,5-Trichlorophenol	12.61	196	228812	20.86	ng/ul	96
40) 1,1'-Biphenyl	12.94	154	876479	20.20	ng/ul	99
41) 2-Chloronaphthalene	12.98	162	681178	20.23	ng/ul	100
42) 2-Nitroaniline	13.20	65	202278	22.04	ng/ul	99
44) Dimethylphthalate	13.59	163	828437	20.67	ng/ul	100
45) 2,6-Dinitrotoluene	13.71	165	166493	21.57	ng/ul	98
47) Acenaphthylene	13.84	152	1113090	20.58	ng/ul	99
48) 3-Nitroaniline	14.04	138	181087	21.83	ng/ul#	98
49) Acenaphthene	14.19	153	729892	20.23	ng/ul	98
50) 2,4-Dinitrophenol	14.25	184	93367	19.48	ng/ul	93
52) 4-Nitrophenol	14.36	109	115761	19.81	ng/ul	96
53) Dibenzofuran	14.52	168	1026554	20.36	ng/ul	97
54) 2,4-Dinitrotoluene	14.50	165	245502	21.55	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.76	232	189454	21.22	ng/ul	96
56) Diethylphthalate	14.97	149	845820	21.16	ng/ul	99
58) Fluorene	15.17	166	848662	20.32	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.17	204	406349	20.37	ng/ul	99
60) 4-Nitroaniline	15.21	138	179317	20.70	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.27	198	147998	20.08	ng/ul#	97
64) N-Nitrosodiphenylamine	15.39	169	704329	20.74	ng/ul	99
65) 4-Bromophenyl-phenylether	16.07	248	229015	20.58	ng/ul	94
66) Hexachlorobenzene	16.19	284	252212	20.52	ng/ul	98
67) Atrazine	16.35	200	245766	20.90	ng/ul	95
68) Pentachlorophenol	16.53	266	140915	19.80	ng/ul	99
69) Phenanthrene	16.92	178	1284950	20.54	ng/ul	100
71) Anthracene	17.00	178	1326020	20.62	ng/ul	99
72) Carbazole	17.28	167	1178027	20.24	ng/ul	99
73) Di-n-butylphthalate	17.85	149	1379431	21.86	ng/ul	99
74) Fluoranthene	18.94	202	1412655	20.23	ng/ul	99
77) Pyrene	19.30	202	1487835	22.00	ng/ul	99
78) Butylbenzylphthalate	20.23	149	577242	23.54	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.00	252	424363	21.34	ng/ul	99
80) Benzo(a)anthracene	21.06	228	1320527	20.79	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.01	149	831350	22.54	ng/ul	100
82) Chrysene	21.12	228	1236186	20.65	ng/ul	98
84) Di-n-octyl phthalate	21.86	149	1331981	20.88	ng/ul	100
85) Benzo(b)fluoranthene	22.57	252	1168202	20.45	ng/ul	99
86) Benzo(k)fluoranthene	22.61	252	1160538	20.79	ng/ul	99
88) Benzo(a)pyrene	23.10	252	1104509	20.16	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.29	276	1156718	20.05	ng/ul	99
90) Dibenzo(a,h)anthracene	25.30	278	969596	20.04	ng/ul	98
91) Benzo(g,h,i)perylene	25.92	276	969189	20.20	ng/ul	99

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

