

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
 Data File : BM012102.D
 Acq On : 12 Oct 2017 16:32
 Operator : SJ/JU
 Sample : SSTD02045
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02045

Quant Time: Oct 12 17:32:27 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 17:32:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	227862	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	985148	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	600059	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1380913	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1406734	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1338190	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	37970	7.88	ng/uL	0.00
5) Phenol-d5	7.00	99	375000	19.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	228570	19.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	324019	20.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	332252	19.61	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	156710	22.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	182674	23.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	351730	22.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	293275	16.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1101294	21.18	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1332415	21.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	152246	16.76	ng/ul	0.00
57) Fluorene-d10	15.48	176	894863	19.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	181694	19.56	ng/ul	0.00
70) Anthracene-d10	17.33	188	1394000	20.49	ng/ul	0.00
76) Pyrene-d10	19.62	212	1538329	24.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1343983	20.88	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	40591	8.29	ng/uL#	68
4) Benzaldehyde	6.97	77	261776	26.80	ng/ul	89
6) Phenol	7.03	94	391055	20.16	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.26	93	303030	20.80	ng/ul	95
10) 2-Chlorophenol	7.40	128	333606	21.71	ng/ul	97
11) 2-Methylphenol	8.28	108	294982	19.99	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.37	45	386997	20.77	ng/ul#	86
14) Acetophenone	8.66	105	497465	20.06	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.65	70	275127	21.68	ng/ul#	69
16) 4-Methylphenol	8.61	108	329126	19.93	ng/ul	94
17) Hexachloroethane	8.91	117	138919	22.53	ng/ul	85
20) Nitrobenzene	9.05	77	390919	23.06	ng/ul	95
21) Isophorone	9.57	82	722054	22.85	ng/ul#	93
23) 2-Nitrophenol	9.76	139	193039	23.24	ng/ul#	82
24) 2,4-Dimethylphenol	9.81	107	391225	21.96	ng/ul#	90
25) Bis(2-Chloroethoxy)methane	10.05	93	425444	21.92	ng/ul	96
27) 2,4-Dichlorophenol	10.29	162	344173	22.34	ng/ul	92
28) Naphthalene	10.69	128	1050454	21.26	ng/ul	99
30) 4-Chloroaniline	10.80	127	293183	17.15	ng/ul	96
31) Hexachlorobutadiene	10.96	225	249542	22.07	ng/ul	96
32) Caprolactam	11.59	113	108458	21.47	ng/ul#	41
33) 4-Chloro-3-methylphenol	11.93	107	362139	21.62	ng/ul	95
34) 2-Methylnaphthalene	12.30	142	787880	20.91	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	447293	21.97	ng/ul	96
37) Hexachlorocyclopentadiene	12.64	237	158693	13.39	ng/ul	98
38) 2,4,6-Trichlorophenol	12.92	196	294168	22.75	ng/ul	97
39) 2,4,5-Trichlorophenol	12.99	196	303989	22.34	ng/ul	98
40) 1,1'-Biphenyl	13.32	154	1040473	21.69	ng/ul	99
41) 2-Chloronaphthalene	13.36	162	817932	21.79	ng/ul	99
42) 2-Nitroaniline	13.57	65	230414	24.18	ng/ul	92
44) Dimethylphthalate	13.94	163	1091201	21.81	ng/ul	98
45) 2,6-Dinitrotoluene	14.07	165	221417	23.47	ng/ul	93
47) Acenaphthylene	14.21	152	1299759	21.93	ng/ul	99
48) 3-Nitroaniline	14.40	138	156342	17.84	ng/ul	89
49) Acenaphthene	14.55	153	865972	21.12	ng/ul	100
50) 2,4-Dinitrophenol	14.62	184	105389	16.90	ng/ul	98
52) 4-Nitrophenol	14.71	109	139607	19.23	ng/ul#	81
53) Dibenzofuran	14.89	168	1256181	21.11	ng/ul	100
54) 2,4-Dinitrotoluene	14.86	165	319394	22.90	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	15.11	232	276118	20.78	ng/ul#	87
56) Diethylphthalate	15.30	149	1135821	22.37	ng/ul	94
58) Fluorene	15.53	166	1033734	20.80	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.52	204	544315	20.71	ng/ul	96
60) 4-Nitroaniline	15.56	138	203807	19.97	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.63	198	192844	20.31	ng/ul	92
64) N-Nitrosodiphenylamine	15.74	169	895139	22.44	ng/ul	99
65) 4-Bromophenyl-phenylether	16.42	248	341373	22.07	ng/ul	96
66) Hexachlorobenzene	16.54	284	382097	22.09	ng/ul#	92
67) Atrazine	16.69	200	367945	23.30	ng/ul	93
68) Pentachlorophenol	16.89	266	197875	18.19	ng/ul	98
69) Phenanthrene	17.27	178	1605910	21.14	ng/ul	99
71) Anthracene	17.36	178	1671736	21.63	ng/ul	99
72) Carbazole	17.64	167	1386203	20.71	ng/ul	98
73) Di-n-butylphthalate	18.19	149	1917479	23.90	ng/ul#	98
74) Fluoranthene	19.29	202	1907747	20.58	ng/ul#	89
77) Pyrene	19.65	202	1989833	25.51	ng/ul#	89
78) Butylbenzylphthalate	20.53	149	860976	28.18	ng/ul#	91
79) 3,3'-Dichlorobenzidine	21.33	252	554186	21.16	ng/ul#	96
80) Benzo(a)anthracene	21.39	228	1876237	23.28	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.30	149	1263600	27.80	ng/ul#	97
82) Chrysene	21.44	228	1734473	22.65	ng/ul	99
84) Di-n-octyl phthalate	22.20	149	2100049	26.86	ng/ul	98
85) Benzo(b)fluoranthene	23.02	252	1773180	21.80	ng/ul#	97
86) Benzo(k)fluoranthene	23.07	252	1796891	22.13	ng/ul#	96
88) Benzo(a)pyrene	23.63	252	1703626	21.80	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.10	276	1759634	21.04	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.10	278	1475087	21.46	ng/ul#	94
91) Benzo(g,h,i)perylene	26.83	276	1438779	20.80	ng/ul#	93

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

