

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
 Data File : BM013004.D
 Acq On : 17 Nov 2017 17:52
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02036

Quant Time: Nov 17 22:19:28 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 17 22:17:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	127783	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	529482	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	320944	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.11	188	777650	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	933034	20.00	ng/ul	0.00
83) Perylene-d12	23.53	264	945931	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	22987	8.33	ng/uL	0.00
5) Phenol-d5	6.89	99	212866	19.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	124659	19.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	171625	19.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	170872	18.85	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	82548	21.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	80530	22.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	180589	19.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	202026	21.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	558601	19.84	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	704019	19.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	92352	21.63	ng/ul	0.00
57) Fluorene-d10	15.36	176	476891	19.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	74181	22.00	ng/ul	0.00
70) Anthracene-d10	17.20	188	781742	19.64	ng/ul	0.00
76) Pyrene-d10	19.50	212	898090	18.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	937888	19.55	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.29	88	25815	8.518	ng/uL# 65
4) Benzaldehyde	6.87	77	112719	18.896	ng/ul 97
6) Phenol	6.92	94	211662	19.375	ng/ul# 84
8) Bis(2-Chloroethyl)ether	7.15	93	161172	19.595	ng/ul 97
10) 2-Chlorophenol	7.29	128	171955	19.639	ng/ul 95
11) 2-Methylphenol	8.16	108	156539	18.878	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.25	45	181255	19.424	ng/ul# 81
14) Acetophenone	8.54	105	265955	19.140	ng/ul 90
15) N-Nitroso-di-n-propylamine	8.53	70	140214	19.675	ng/ul# 66
16) 4-Methylphenol	8.49	108	169531	19.252	ng/ul 100
17) Hexachloroethane	8.79	117	76368	20.594	ng/ul# 81
20) Nitrobenzene	8.92	77	204336	21.672	ng/ul 92
21) Isophorone	9.44	82	366064	18.947	ng/ul# 94
23) 2-Nitrophenol	9.62	139	87181	22.318	ng/ul# 78
24) 2,4-Dimethylphenol	9.69	107	204358	19.887	ng/ul 92
25) Bis(2-Chloroethoxy)methane	9.93	93	217570	19.625	ng/ul 96
27) 2,4-Dichlorophenol	10.15	162	167115	19.737	ng/ul# 86
28) Naphthalene	10.55	128	545794	20.005	ng/ul 99
30) 4-Chloroaniline	10.66	127	201404	22.050	ng/ul 97
31) Hexachlorobutadiene	10.84	225	128674	21.105	ng/ul 96
32) Caprolactam	11.42	113	52129	19.607	ng/ul# 28
33) 4-Chloro-3-methylphenol	11.79	107	179513	19.905	ng/ul 97
34) 2-Methylnaphthalene	12.17	142	402747	20.176	ng/ul 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.54	216	231311	19.814	ng/ul	97
37) Hexachlorocyclopentadiene	12.52	237	165548	19.175	ng/ul	99
38) 2,4,6-Trichlorophenol	12.78	196	140499	19.970	ng/ul	98
39) 2,4,5-Trichlorophenol	12.85	196	151713	20.624	ng/ul	97
40) 1,1'-Biphenyl	13.19	154	532607	19.696	ng/ul	97
41) 2-Chloronaphthalene	13.23	162	429645	20.047	ng/ul	98
42) 2-Nitroaniline	13.43	65	118164	25.961	ng/ul	93
44) Dimethylphthalate	13.82	163	543253	20.180	ng/ul	100
45) 2,6-Dinitrotoluene	13.94	165	102580	24.974	ng/ul#	95
47) Acenaphthylene	14.08	152	663515	20.080	ng/ul	99
48) 3-Nitroaniline	14.26	138	92230	23.973	ng/ul	89
49) Acenaphthene	14.42	153	439711	19.801	ng/ul	98
50) 2,4-Dinitrophenol	14.47	184	45741	23.262	ng/ul	88
52) 4-Nitrophenol	14.57	109	96199	24.862	ng/ul#	79
53) Dibenzofuran	14.76	168	647858	20.367	ng/ul	99
54) 2,4-Dinitrotoluene	14.73	165	146139	25.435	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	14.99	232	131524	21.351	ng/ul#	93
56) Diethylphthalate	15.20	149	543099	19.954	ng/ul	96
58) Fluorene	15.41	166	531438	20.286	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.42	204	281328	20.328	ng/ul	96
60) 4-Nitroaniline	15.43	138	109253	21.594	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.49	198	77907	21.274	ng/ul	93
64) N-Nitrosodiphenylamine	15.63	169	463987	19.005	ng/ul	94
65) 4-Bromophenyl-phenylether	16.31	248	185698	19.715	ng/ul	96
66) Hexachlorobenzene	16.41	284	201020	19.775	ng/ul#	92
67) Atrazine	16.58	200	177426	18.973	ng/ul	91
68) Pentachlorophenol	16.76	266	102471	19.545	ng/ul	94
69) Phenanthrene	17.15	178	878863	20.093	ng/ul	98
71) Anthracene	17.24	178	912455	20.105	ng/ul	99
72) Carbazole	17.51	167	761592	19.405	ng/ul	99
73) Di-n-butylphthalate	18.09	149	922085	18.444	ng/ul	98
74) Fluoranthene	19.16	202	1077516	20.381	ng/ul#	92
77) Pyrene	19.53	202	1091164	18.782	ng/ul#	91
78) Butylbenzylphthalate	20.44	149	431364	17.869	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.22	252	387756	20.220	ng/ul	93
80) Benzo(a)anthracene	21.27	228	1159200	19.412	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.23	149	642483	18.058	ng/ul	97
82) Chrysene	21.33	228	1087245	19.635	ng/ul	99
84) Di-n-octyl phthalate	22.11	149	1085979	17.422	ng/ul	100
85) Benzo(b)fluoranthene	22.86	252	1208307	19.766	ng/ul#	97
86) Benzo(k)fluoranthene	22.90	252	1107946	19.686	ng/ul#	98
88) Benzo(a)pyrene	23.43	252	1127684	19.808	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.77	276	1323805	19.907	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.79	278	1113538	19.767	ng/ul#	96
91) Benzo(g,h,i)perylene	26.46	276	1087841	19.688	ng/ul#	96

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

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