

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100917\
 Data File : BM012023.D
 Acq On : 09 Oct 2017 21:26
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02035

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:05:27 PM

Quant Time: Oct 10 02:23:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 01:14:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	221597	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	983676	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	615541	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1494687	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1913056	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1996013	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	38057	8.12	ng/uL	0.00
5) Phenol-d5	7.00	99	371404	19.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	227011	20.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	323100	21.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	324852	19.71	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	153233	21.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	176604	22.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	343025	21.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	424239	24.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1114966	20.90	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1340413	21.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	177788m	19.08	ng/ul	0.00
57) Fluorene-d10	15.49	176	975044	20.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	194219	19.31	ng/ul	0.00
70) Anthracene-d10	17.34	188	1535689	20.85	ng/ul	0.00
76) Pyrene-d10	19.63	212	1851788	21.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	2025408	21.09	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.29	88	38752	8.140	ng/uL#	70
4) Benzaldehyde	6.99	77	209626	22.065	ng/ul	93
6) Phenol	7.03	94	368015	19.507	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.27	93	283145	19.988	ng/ul	96
10) 2-Chlorophenol	7.40	128	315687	21.122	ng/ul	98
11) 2-Methylphenol	8.29	108	283870	19.784	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.38	45	366257	20.217	ng/ul#	86
14) Acetophenone	8.67	105	471972	19.571	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.65	70	253166	20.514	ng/ul#	72
16) 4-Methylphenol	8.62	108	320219	19.938	ng/ul	97
17) Hexachloroethane	8.92	117	128495	21.428	ng/ul	82
20) Nitrobenzene	9.05	77	367749	21.730	ng/ul	94
21) Isophorone	9.58	82	666179	21.109	ng/ul#	93
23) 2-Nitrophenol	9.76	139	185631	22.385	ng/ul#	78
24) 2,4-Dimethylphenol	9.82	107	377616	21.232	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.06	93	409245	21.119	ng/ul	95
27) 2,4-Dichlorophenol	10.30	162	334624	21.748	ng/ul#	92
28) Naphthalene	10.70	128	1021694	20.705	ng/ul	100
30) 4-Chloroaniline	10.81	127	402425	23.572	ng/ul	95
31) Hexachlorobutadiene	10.97	225	236319	20.934	ng/ul	94
32) Caprolactam	11.59	113	95175	18.867	ng/ul#	46
33) 4-Chloro-3-methylphenol	11.93	107	348967	20.865	ng/ul	94
34) 2-Methylnaphthalene	12.31	142	780177	20.735	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	12.68	216	440205	21.082	ng/ul	98
37) Hexachlorocyclopentadiene	12.65	237	302072	24.855	ng/ul	98
38) 2,4,6-Trichlorophenol	12.92	196	290779	21.925	ng/ul	99
39) 2,4,5-Trichlorophenol	13.00	196	297648	21.323	ng/ul	98
40) 1,1'-Biphenyl	13.32	154	1035405	21.039	ng/ul	99
41) 2-Chloronaphthalene	13.37	162	813945	21.136	ng/ul	98
42) 2-Nitroaniline	13.58	65	217589	22.258	ng/ul	89
44) Dimethylphthalate	13.95	163	1070590	20.860	ng/ul	99
45) 2,6-Dinitrotoluene	14.07	165	210828	21.787	ng/ul	93
47) Acenaphthylene	14.22	152	1284250	21.128	ng/ul	100
48) 3-Nitroaniline	14.40	138	188853	21.010	ng/ul	86
49) Acenaphthene	14.56	153	882132	20.972	ng/ul	99
50) 2,4-Dinitrophenol	14.62	184	103772	16.227	ng/ul	93
52) 4-Nitrophenol	14.71	109	153169	20.563	ng/ul	81
53) Dibenzofuran	14.89	168	1281106	20.986	ng/ul	99
54) 2,4-Dinitrotoluene	14.86	165	315542	22.054	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.12	232	285084	20.913	ng/ul#	84
56) Diethylphthalate	15.31	149	1089648	20.917	ng/ul	95
58) Fluorene	15.54	166	1059813	20.789	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.53	204	551321	20.448	ng/ul	97
60) 4-Nitroaniline	15.57	138	215832	20.612	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.63	198	198353	19.304	ng/ul#	90
64) N-Nitrosodiphenylamine	15.74	169	909392	21.062	ng/ul	100
65) 4-Bromophenyl-phenylether	16.43	248	345218	20.619	ng/ul	97
66) Hexachlorobenzene	16.54	284	390797	20.877	ng/ul#	92
67) Atrazine	16.70	200	354142	20.717	ng/ul	97
68) Pentachlorophenol	16.89	266	231386	19.650	ng/ul	96
69) Phenanthrene	17.28	178	1705924	20.749	ng/ul	99
71) Anthracene	17.37	178	1762364	21.067	ng/ul	99
72) Carbazole	17.64	167	1495788	20.641	ng/ul	98
73) Di-n-butylphthalate	18.19	149	1869793	21.534	ng/ul#	97
74) Fluoranthene	19.29	202	2137860	21.311	ng/ul#	90
77) Pyrene	19.66	202	2295693	21.642	ng/ul#	88
78) Butylbenzylphthalate	20.54	149	933319	22.461	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.33	252	784986	22.041	ng/ul#	97
80) Benzo(a)anthracene	21.40	228	2430657	22.179	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.31	149	1371842	22.192	ng/ul#	96
82) Chrysene	21.45	228	2232978	21.444	ng/ul	99
84) Di-n-octyl phthalate	22.21	149	2442767	20.948	ng/ul	100
85) Benzo(b)fluoranthene	23.03	252	2526784	20.827	ng/ul#	97
86) Benzo(k)fluoranthene	23.07	252	2557021	21.111	ng/ul#	97
88) Benzo(a)pyrene	23.63	252	2450696	21.022	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.10	276	2589893	20.760	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.11	278	2230565	21.760	ng/ul#	96
91) Benzo(g,h,i)perylene	26.83	276	2101347	20.363	ng/ul#	94

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

