

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090817\
 Data File : BM011469.D
 Acq On : 08 Sep 2017 13:14
 Operator : SJ/JU
 Sample : SSTD00502
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00502

Quant Time: Sep 08 15:20:26 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 08 15:18:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	415246	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	1901598	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	1146454	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2611926	20.00	ng/ul	0.00
78) Chrysene-d12	21.51	240	3024755	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	2871334	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	17982	2.81	ng/uL	0.00
5) Phenol-d5	7.13	99	165127	5.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	125596	8.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.51	132	132785	5.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	127537	4.56	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	62609	4.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	62127	3.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	131645	3.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	129852	3.86	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	456367	4.40	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	523637	4.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	62310	4.00	ng/ul	0.00
58) Fluorene-d10	15.60	176	395956	4.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	50700	2.73	ng/ul	0.00
71) Anthracene-d10	17.44	188	592804	4.74	ng/ul	0.00
79) Pyrene-d10	19.73	212	644858	4.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	605175	4.58	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.43	88	20297	2.955	ng/uL# 58
4) Benzaldehyde	7.12	77	112622	7.256	ng/ul 97
6) Phenol	7.15	94	168626	5.543	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.40	93	142982	6.640	ng/ul# 86
10) 2-Chlorophenol	7.54	128	133526	5.482	ng/ul 93
11) 2-Methylphenol	8.41	108	125135	5.276	ng/ul 95
12) 2,2'-oxybis(1-Chloropropan	8.51	45	247678	8.762	ng/ul 95
14) Acetophenone	8.80	105	214383	5.270	ng/ul# 93
15) N-Nitroso-di-n-propylamine	8.78	70	114974	6.021	ng/ul# 79
16) 4-Methylphenol	8.74	108	136016	5.169	ng/ul 93
17) Hexachloroethane	9.06	117	52669	5.405	ng/ul 83
20) Nitrobenzene	9.18	77	151730	5.316	ng/ul 94
21) Isophorone	9.71	82	305093	5.594	ng/ul# 97
23) 2-Nitrophenol	9.90	139	66024	4.048	ng/ul# 89
24) 2,4-Dimethylphenol	9.95	107	148782	4.560	ng/ul 90
25) Bis(2-Chloroethoxy)methane	10.19	93	208418	6.578	ng/ul 97
27) 2,4-Dichlorophenol	10.43	162	126670	3.990	ng/ul 99
28) Naphthalene	10.84	128	473423	5.516	ng/ul 98
30) 4-Chloroaniline	10.95	127	125306	3.918	ng/ul 99
31) Hexachlorobutadiene	11.12	225	77614	2.826	ng/ul 94
32) Caprolactam	11.72	113	36022	3.535	ng/ul# 70
33) 4-Chloro-3-methylphenol	12.06	107	135772	4.389	ng/ul 92
34) 2-Methylnaphthalene	12.44	142	340182	4.593	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.66	142	321284	4.473	ng/ul#	97
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	157257	3.560	ng/ul#	96
38) Hexachlorocyclopentadiene	12.78	237	74431	2.874	ng/ul	94
39) 2,4,6-Trichlorophenol	13.04	196	103809	3.938	ng/ul	97
40) 2,4,5-Trichlorophenol	13.12	196	102713	3.667	ng/ul	95
41) 1,1'-Biphenyl	13.44	154	449444	5.394	ng/ul#	96
42) 2-Chloronaphthalene	13.49	162	340386	5.065	ng/ul	99
43) 2-Nitroaniline	13.69	65	87321	5.513	ng/ul	85
45) Dimethylphthalate	14.06	163	439643	4.625	ng/ul#	98
46) 2,6-Dinitrotoluene	14.18	165	63990	3.354	ng/ul	88
48) Acenaphthylene	14.33	152	539090	5.068	ng/ul	98
49) 3-Nitroaniline	14.51	138	68865	4.343	ng/ul	96
50) Acenaphthene	14.67	153	380001	5.217	ng/ul	99
51) 2,4-Dinitrophenol	14.71	184	33205	2.726	ng/ul#	78
53) 4-Nitrophenol	14.80	109	40491	3.194	ng/ul#	51
54) Dibenzofuran	15.00	168	539097	4.868	ng/ul	96
55) 2,4-Dinitrotoluene	14.96	165	98037	3.440	ng/ul#	83
56) 2,3,4,6-Tetrachlorophenol	15.23	232	93045	3.120	ng/ul#	78
57) Diethylphthalate	15.42	149	449477	4.504	ng/ul	96
59) Fluorene	15.65	166	445942	4.641	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.64	204	207183	3.610	ng/ul	94
61) 4-Nitroaniline	15.66	138	75153	3.990	ng/ul#	81
64) 4,6-Dinitro-2-methylphenol	15.72	198	54756	3.073	ng/ul#	85
65) N-Nitrosodiphenylamine	15.86	169	371329	5.632	ng/ul	99
66) 4-Bromophenyl-phenylether	16.53	248	118431	3.526	ng/ul#	90
67) Hexachlorobenzene	16.65	284	134041	3.509	ng/ul#	90
68) Atrazine	16.80	200	110946	3.527	ng/ul	94
69) Pentachlorophenol	16.99	266	69845	3.503	ng/ul	93
70) Phenanthrene	17.39	178	706889	5.444	ng/ul	100
72) Anthracene	17.48	178	716588	5.300	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	157407	4.321	ng/uL	96
74) Pentachlorobenzene	14.92	250	158604	2.930	ng/uL	97
75) Carbazole	17.74	167	609317	5.503	ng/ul	98
76) Di-n-butylphthalate	18.30	149	779818	6.343	ng/ul	99
77) Fluoranthene	19.39	202	780941	4.705	ng/ul#	86
80) Pyrene	19.76	202	863767	5.502	ng/ul#	84
81) Butylbenzylphthalate	20.64	149	339431	7.275	ng/ul#	92
82) 3,3'-Dichlorobenzidine	21.42	252	216372	3.910	ng/ul#	95
83) Benzo(a)anthracene	21.49	228	810362	5.044	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.40	149	547320	8.019	ng/ul#	96
85) Chrysene	21.54	228	726522	4.943	ng/ul	100
87) Di-n-octyl phthalate	22.32	149	912790	8.065	ng/ul	100
88) Benzo(b)fluoranthene	23.16	252	754056	4.717	ng/ul#	95
89) Benzo(k)fluoranthene	23.20	252	768899	4.934	ng/ul#	95
91) Benzo(a)pyrene	23.77	252	739803	4.810	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.31	276	855853	4.585	ng/ul#	84
93) Dibenzo(a,h)anthracene	26.33	278	714297	4.462	ng/ul#	93
94) Benzo(g,h,i)perylene	27.06	276	716873	4.632	ng/ul#	91

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

