

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090817\
 Data File : BM011473.D
 Acq On : 08 Sep 2017 15:39
 Operator : SJ/JU
 Sample : SSTD08006
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08006

Quant Time: Sep 08 16:28:10 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	517700	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	2370464	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	1402999	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.35	188	3078949	20.00	ng/ul	0.00
78) Chrysene-d12	21.52	240	3394771	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	2950121	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	367666	46.02	ng/uL	0.00
5) Phenol-d5	7.13	99	4360864	111.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	2807797	143.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.52	132	3365538	102.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.69	113	3338481	95.64	ng/ul	0.01
19) Nitrobenzene-d5	9.15	128	1630768	98.43	ng/ul	0.01
22) 2-Nitrophenol-d4	9.87	143	1775927	84.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.41	165	3374509	81.25	ng/ul	0.01
29) 4-Chloroaniline-d4	10.93	131	3915960	93.48	ng/ul	0.00
44) Dimethylphthalate-d6	14.02	166	9722941	76.58	ng/ul	0.01
47) Acenaphthylene-d8	14.31	160	12257105	89.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.81	143	1937181	101.56	ng/ul	0.02
58) Fluorene-d10	15.60	176	8476692	72.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.72	200	1614737	73.64	ng/ul	0.01
71) Anthracene-d10	17.46	188	12504579	84.81	ng/ul	0.01
79) Pyrene-d10	19.73	212	13383630	88.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.74	264	12174925	89.72	ng/ul	0.01

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.43	88	398939	46.581	ng/uL#	72
4) Benzaldehyde	7.12	77	2334905	120.663	ng/ul	92
6) Phenol	7.16	94	4282390	112.914	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.40	93	3256266	121.298	ng/ul#	87
10) 2-Chlorophenol	7.55	128	3200874	105.406	ng/ul	94
11) 2-Methylphenol	8.42	108	3243517	109.690	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.52	45	5226970	148.320	ng/ul	94
14) Acetophenone	8.81	105	5086005	100.285	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.80	70	2796192	117.452	ng/ul#	83
16) 4-Methylphenol	8.76	108	3523956	107.414	ng/ul	91
17) Hexachloroethane	9.07	117	1221755	100.567	ng/ul	85
20) Nitrobenzene	9.19	77	3715345	104.423	ng/ul	92
21) Isophorone	9.73	82	7448586	109.551	ng/ul	99
23) 2-Nitrophenol	9.90	139	1817972	89.407	ng/ul#	93
24) 2,4-Dimethylphenol	9.96	107	3683837	90.576	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.20	93	4661039	118.011	ng/ul	97
27) 2,4-Dichlorophenol	10.43	162	3209029	81.084	ng/ul	97
28) Naphthalene	10.84	128	10251398	95.814	ng/ul	98
30) 4-Chloroaniline	10.95	127	3703041	92.887	ng/ul	96
31) Hexachlorobutadiene	11.12	225	1800597	52.587	ng/ul	98
32) Caprolactam	11.76	113	530903	41.796	ng/ul#	60
33) 4-Chloro-3-methylphenol	12.07	107	3446191	89.367	ng/ul	95
34) 2-Methylnaphthalene	12.45	142	7709857	83.498	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.66	142	7371454	82.332	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.81	216	3559993	65.863	ng/ul#	96
38) Hexachlorocyclopentadiene	12.79	237	2097797	66.193	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.05	196	2511032	77.834	ng/ul	99
40) 2,4,5-Trichlorophenol	13.12	196	2548297	74.350	ng/ul	98
41) 1,1'-Biphenyl	13.45	154	9571525	93.862	ng/ul#	96
42) 2-Chloronaphthalene	13.50	162	7343242	89.285	ng/ul	97
43) 2-Nitroaniline	13.70	65	2583966	133.306	ng/ul	88
45) Dimethylphthalate	14.07	163	9277691	79.757	ng/ul#	98
46) 2,6-Dinitrotoluene	14.19	165	1901066	81.414	ng/ul	95
48) Acenaphthylene	14.34	152	11935847	91.687	ng/ul	98
49) 3-Nitroaniline	14.52	138	2123151	109.405	ng/ul	96
50) Acenaphthene	14.68	153	8029626	90.074	ng/ul	96
51) 2,4-Dinitrophenol	14.72	184	1133319	76.036	ng/ul#	77
53) 4-Nitrophenol	14.83	109	1253157	80.783	ng/ul#	61
54) Dibenzofuran	15.02	168	10935127	80.680	ng/ul	99
55) 2,4-Dinitrotoluene	14.97	165	2720697	78.016	ng/ul#	79
56) 2,3,4,6-Tetrachlorophenol	15.23	232	2322847	63.640	ng/ul#	77
57) Diethylphthalate	15.43	149	9803181	80.274	ng/ul	98
59) Fluorene	15.66	166	9086816	77.275	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.65	204	4414905	62.855	ng/ul	93
61) 4-Nitroaniline	15.69	138	2279811	98.910	ng/ul#	85
64) 4,6-Dinitro-2-methylphenol	15.74	198	1628761	77.534	ng/ul#	96
65) N-Nitrosodiphenylamine	15.86	169	7797456	100.327	ng/ul	99
66) 4-Bromophenyl-phenylether	16.54	248	2782484	70.282	ng/ul#	91
67) Hexachlorobenzene	16.66	284	3064338	68.061	ng/ul#	88
68) Atrazine	16.81	200	2785168	75.111	ng/ul	95
69) Pentachlorophenol	17.00	266	1982857	84.356	ng/ul	97
70) Phenanthrene	17.40	178	13374991	87.374	ng/ul#	91
72) Anthracene	17.49	178	13370337	83.885	ng/ul#	92
73) 1,2,3,4-Tetrachlorobenzene	13.42	216	3575452	83.259	ng/uL	98
74) Pentachlorobenzene	14.93	250	3636972	56.990	ng/uL	97
75) Carbazole	17.76	167	12885962	98.727	ng/ul#	94
76) Di-n-butylphthalate	18.30	149	13888768	95.836	ng/ul#	91
77) Fluoranthene	19.40	202	13953904	71.324	ng/ul#	75
80) Pyrene	19.76	202	14045411	79.712	ng/ul#	71
81) Butylbenzylphthalate	20.64	149	8412785	160.667	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.43	252	5175881	83.339	ng/ul#	98
83) Benzo(a)anthracene	21.50	228	13798100	76.518	ng/ul#	84
84) Bis(2-ethylhexyl)phthalate	21.41	149	11386827	148.651	ng/ul#	84
85) Chrysene	21.55	228	12812089	77.672	ng/ul	95
88) Benzo(b)fluoranthene	23.17	252	15107258	91.982	ng/ul#	93
89) Benzo(k)fluoranthene	23.23	252	14158111	88.425	ng/ul#	94
91) Benzo(a)pyrene	23.80	252	13981230	88.470	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	26.35	276	14696167	76.629	ng/ul#	83
93) Dibenzo(a,h)anthracene	26.36	278	12752984	77.528	ng/ul#	94
94) Benzo(g,h,i)perylene	27.10	276	11830933	74.410	ng/ul#	91

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

