

Data Path : Z:\HPCHEM1\BNA_M\Data\BM092717\
 Data File : BM011726.D
 Acq On : 27 Sep 2017 16:52
 Operator : SJ/JU
 Sample : SSTD08043
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08043

Quant Time: Sep 27 17:29:21 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 27 16:19:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	209280	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	939701	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	552945	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1230707	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	1574052	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	1228092	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	146397	40.08	ng/uL	0.00
5) Phenol-d5	7.10	99	1776906	89.13	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.27	67	1241651	109.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.47	132	1372960	98.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	1371623	82.98	ng/ul	0.02
19) Nitrobenzene-d5	9.11	128	661832	98.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	738716	95.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	1359929	83.63	ng/ul	0.01
29) 4-Chloroaniline-d4	10.88	131	1445587	84.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.99	166	4077676	84.01	ng/ul	0.01
46) Acenaphthylene-d8	14.27	160	5146395	91.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.78	143	731731	85.66	ng/ul	0.02
57) Fluorene-d10	15.57	176	3632199	86.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.69	200	755750	99.99	ng/ul	0.01
70) Anthracene-d10	17.42	188	5693983	95.81	ng/ul	0.00
76) Pyrene-d10	19.70	212	6644326	90.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	5430577	91.49	ng/ul	0.01

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.39	88	161945	39.692	ng/uL#	1
4) Benzaldehyde	7.08	77	750075	63.927	ng/ul	97
6) Phenol	7.13	94	1791164	87.229	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.36	93	1331829	89.089	ng/ul#	78
10) 2-Chlorophenol	7.50	128	1318404	94.309	ng/ul#	85
11) 2-Methylphenol	8.37	108	1303882	83.310	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.47	45	2789012	267.258	ng/ul#	97
14) Acetophenone	8.77	105	2197044	81.406	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.76	70	1274200	87.616	ng/ul	97
16) 4-Methylphenol	8.72	108	1424819	82.743	ng/ul	94
17) Hexachloroethane	9.02	117	566504	91.132	ng/ul#	69
20) Nitrobenzene	9.15	77	1768673	90.417	ng/ul	99
21) Isophorone	9.68	82	3313754	85.230	ng/ul#	97
23) 2-Nitrophenol	9.86	139	749177	91.447	ng/ul#	87
24) 2,4-Dimethylphenol	9.92	107	1661253	79.724	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.15	93	1891663	87.737	ng/ul	95
27) 2,4-Dichlorophenol	10.39	162	1309225	82.715	ng/ul#	89
28) Naphthalene	10.80	128	4180440	89.395	ng/ul	100
30) 4-Chloroaniline	10.90	127	1387527	80.522	ng/ul	95
31) Hexachlorobutadiene	11.07	225	863895	72.372	ng/ul	95
32) Caprolactam	11.72	113	210867	37.960	ng/ul	99
33) 4-Chloro-3-methylphenol	12.03	107	1482237	73.421	ng/ul	99
34) 2-Methylnaphthalene	12.40	142	3078384	81.891	ng/ul	97

Data Path : Z:\HPCHEM1\BNA_M\Data\BM092717\
 Data File : BM011726.D
 Acq On : 27 Sep 2017 16:52
 Operator : SJ/JU
 Sample : SSTD08043
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08043

Quant Time: Sep 27 17:29:21 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 27 16:19:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.77	216	1629321	83.491	ng/ul#	97
37) Hexachlorocyclopentadiene	12.75	237	1046313	93.269	ng/ul	98
38) 2,4,6-Trichlorophenol	13.01	196	1095095	82.173	ng/ul	97
39) 2,4,5-Trichlorophenol	13.08	196	1137525	82.667	ng/ul	98
40) 1,1'-Biphenyl	13.41	154	3871275	89.552	ng/ul#	98
41) 2-Chloronaphthalene	13.46	162	3019727	88.773	ng/ul	98
42) 2-Nitroaniline	13.66	65	1242517	124.862	ng/ul	86
44) Dimethylphthalate	14.03	163	3893412	81.828	ng/ul	99
45) 2,6-Dinitrotoluene	14.16	165	782963	95.004	ng/ul#	88
47) Acenaphthylene	14.30	152	5021392	93.376	ng/ul	99
48) 3-Nitroaniline	14.49	138	773106	93.010	ng/ul#	94
49) Acenaphthene	14.64	153	3327883	91.738	ng/ul	98
50) 2,4-Dinitrophenol	14.69	184	508240	85.147	ng/ul#	70
52) 4-Nitrophenol	14.79	109	722909	66.701	ng/ul	98
53) Dibenzofuran	14.97	168	4608695	83.891	ng/ul	96
54) 2,4-Dinitrotoluene	14.94	165	1108780	86.718	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.20	232	1062978	76.355	ng/ul#	85
56) Diethylphthalate	15.39	149	4089349	81.689	ng/ul	94
58) Fluorene	15.63	166	4047023	87.987	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.62	204	2085525	83.427	ng/ul	97
60) 4-Nitroaniline	15.66	138	830534	84.599	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.71	198	748535	92.936	ng/ul#	98
64) N-Nitrosodiphenylamine	15.83	169	3247277	95.140	ng/ul	98
65) 4-Bromophenyl-phenylether	16.50	248	1242774	88.195	ng/ul	95
66) Hexachlorobenzene	16.63	284	1392828	93.856	ng/ul#	91
67) Atrazine	16.77	200	1223135	85.062	ng/ul	96
68) Pentachlorophenol	16.96	266	873383	83.475	ng/ul	98
69) Phenanthrene	17.36	178	6066119	92.713	ng/ul	98
71) Anthracene	17.46	178	6389619	94.791	ng/ul	96
72) Carbazole	17.72	167	5414358	92.066	ng/ul	98
73) Di-n-butylphthalate	18.27	149	7326036	97.968	ng/ul	98
74) Fluoranthene	19.37	202	7534396	89.352	ng/ul#	89
77) Pyrene	19.73	202	8058701	88.637	ng/ul#	87
78) Butylbenzylphthalate	20.62	149	3501397	102.443	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.40	252	2525364	80.199	ng/ul#	96
80) Benzo(a)anthracene	21.47	228	7775918	84.832	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.38	149	5323093	102.079	ng/ul#	97
82) Chrysene	21.53	228	7112972	87.034	ng/ul	96
84) Di-n-octyl phthalate	22.29	149	8785860	102.380	ng/ul#	84
85) Benzo(b)fluoranthene	23.13	252	6926560	86.887	ng/ul#	98
86) Benzo(k)fluoranthene	23.19	252	6993540	92.537	ng/ul#	96
88) Benzo(a)pyrene	23.76	252	6569907	89.518	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.29	276	6304607	82.826	ng/ul#	90
90) Dibenzo(a,h)anthracene	26.29	278	5486938	86.498	ng/ul#	94
91) Benzo(g,h,i)perylene	27.03	276	4913206	81.085	ng/ul#	91

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

