

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

Manual Integrations
 APPROVED

Sohil
 9/29/2017 2:22:37 PM

Quant Time: Sep 27 18:14:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 27 18:11:06 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	77.96	ng/uL	0.00
5) Phenol-d5	7.10	99	1776906	86.33	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.27	67	1241651	83.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.47	132	1372960	89.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	1371623	85.08	ng/ul	0.02
19) Nitrobenzene-d5	9.11	128	661832	90.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	738716	94.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	1359929	91.15	ng/ul	0.01
29) 4-Chloroaniline-d4	10.88	131	1445587	87.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.99	166	4077676	85.98	ng/ul	0.01
46) Acenaphthylene-d8	14.27	160	5146395	89.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.78	143	731731	90.28	ng/ul	0.02
57) Fluorene-d10	15.57	176	3632199	88.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.69	200	755750	90.66	ng/ul	0.01
70) Anthracene-d10	17.42	188	5693983	90.92	ng/ul	0.00
76) Pyrene-d10	19.70	212	6644326	88.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	5430577	92.35	ng/ul	0.01

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.39	88	161945	77.496	ng/uL#	1
4) Benzaldehyde	7.08	77	777555m	78.075	ng/ul	
6) Phenol	7.13	94	1791164	86.040	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.36	93	1331829	83.214	ng/ul#	78
10) 2-Chlorophenol	7.50	128	1318404	88.233	ng/ul#	85
11) 2-Methylphenol	8.37	108	1303882	85.290	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.47	45	2789012	81.358	ng/ul#	97
14) Acetophenone	8.77	105	2197044	84.805	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.76	70	1274200	87.138	ng/ul	97
16) 4-Methylphenol	8.72	108	1424819	84.785	ng/ul	94
17) Hexachloroethane	9.02	117	566504	85.977	ng/ul#	69
20) Nitrobenzene	9.15	77	1768673	87.668	ng/ul	99
21) Isophorone	9.68	82	3313754	87.563	ng/ul#	97
23) 2-Nitrophenol	9.86	139	749177	92.039	ng/ul#	87
24) 2,4-Dimethylphenol	9.92	107	1661253	89.649	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.15	93	1891663	86.330	ng/ul	95
27) 2,4-Dichlorophenol	10.39	162	1309225	92.260	ng/ul#	89
28) Naphthalene	10.80	128	4180440	85.114	ng/ul	100
30) 4-Chloroaniline	10.90	127	1387527	86.969	ng/ul	95
31) Hexachlorobutadiene	11.07	225	863895	86.477	ng/ul	95
32) Caprolactam	11.72	113	406391m	88.362	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	1482237	92.262	ng/ul	99
34) 2-Methylnaphthalene	12.40	142	3078384	88.416	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.77	216	1629321	87.166	ng/ul#	97
37) Hexachlorocyclopentadiene	12.75	237	1046313	87.092	ng/ul	98
38) 2,4,6-Trichlorophenol	13.01	196	1095095	91.229	ng/ul	97
39) 2,4,5-Trichlorophenol	13.08	196	1137525	91.538	ng/ul	98
40) 1,1'-Biphenyl	13.41	154	3871275	85.006	ng/ul#	98
41) 2-Chloronaphthalene	13.46	162	3019727	86.531	ng/ul	98
42) 2-Nitroaniline	13.66	65	1242517	96.823	ng/ul	86
44) Dimethylphthalate	14.03	163	3893412	85.836	ng/ul	99
45) 2,6-Dinitrotoluene	14.16	165	782963	93.735	ng/ul#	88
47) Acenaphthylene	14.30	152	5021392	87.280	ng/ul	99
48) 3-Nitroaniline	14.49	138	773106	90.506	ng/ul#	94
49) Acenaphthene	14.64	153	3327883	83.773	ng/ul	98
50) 2,4-Dinitrophenol	14.69	184	508240	92.692	ng/ul#	70
52) 4-Nitrophenol	14.79	109	722909	91.176	ng/ul	98
53) Dibenzofuran	14.97	168	4608695	85.642	ng/ul	96
54) 2,4-Dinitrotoluene	14.94	165	1108780	93.026	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.20	232	1062978	92.733	ng/ul#	85
56) Diethylphthalate	15.39	149	4089349	85.737	ng/ul	94
58) Fluorene	15.63	166	4047023	88.813	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.62	204	2085525	91.019	ng/ul	97
60) 4-Nitroaniline	15.66	138	830534	88.605	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.71	198	748535	88.426	ng/ul#	98
64) N-Nitrosodiphenylamine	15.83	169	3247277	89.263	ng/ul	98
65) 4-Bromophenyl-phenylether	16.50	248	1242774	91.808	ng/ul	95
66) Hexachlorobenzene	16.63	284	1392828	92.601	ng/ul#	91
67) Atrazine	16.77	200	1223135	86.721	ng/ul	96
68) Pentachlorophenol	16.96	266	873383	88.205	ng/ul	98
69) Phenanthrene	17.36	178	6066119	88.067	ng/ul	98
71) Anthracene	17.46	178	6389619	90.034	ng/ul	96
72) Carbazole	17.72	167	5414358	87.085	ng/ul	98
73) Di-n-butylphthalate	18.27	149	7326036	91.494	ng/ul	98
74) Fluoranthene	19.37	202	7534396	89.589	ng/ul#	89
77) Pyrene	19.73	202	8058701	85.913	ng/ul#	87
78) Butylbenzylphthalate	20.62	149	3501397	89.306	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.40	252	2525364	84.377	ng/ul#	96
80) Benzo(a)anthracene	21.47	228	7775918	88.300	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.38	149	5323093	90.959	ng/ul#	97
82) Chrysene	21.53	228	7112972	85.640	ng/ul	96
84) Di-n-octyl phthalate	22.29	149	8785860	92.564	ng/ul#	84
85) Benzo(b)fluoranthene	23.13	252	6926560	95.593	ng/ul#	98
86) Benzo(k)fluoranthene	23.19	252	6993540	94.611	ng/ul#	96
88) Benzo(a)pyrene	23.76	252	6569907	93.877	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.29	276	6304607	86.524	ng/ul#	90
90) Dibenzo(a,h)anthracene	26.29	278	5486938	89.910	ng/ul#	94
91) Benzo(g,h,i)perylene	27.03	276	4913206	81.235	ng/ul#	91

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

