

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
 Data File : BM014732.D
 Acq On : 19 Apr 2018 12:42
 Operator : SJ/JU
 Sample : SSTD08085
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08085

Quant Time: Apr 19 13:13:36 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 19 12:08:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	321699	20.00	ng/ul	0.00
18) Naphthalene-d8	11.40	136	1290832	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.15	164	687184	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1456058	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1535826	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1538779	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.68	96	225848	30.05	ng/uL	0.00
5) Phenol-d5	7.67	99	2026285	74.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	1264721	76.84	ng/ul	0.00
9) 2-Chlorophenol-d4	8.07	132	1691651	81.14	ng/ul	0.00
13) 4-Methylphenol-d8	9.26	113	1608780	67.62	ng/ul	0.01
19) Nitrobenzene-d5	9.73	128	781406	81.92	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	844256	85.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.00	165	1573105	76.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.52	131	1332327	66.13	ng/ul	0.00
43) Dimethylphthalate-d6	14.54	166	4196627	73.95	ng/ul	0.00
46) Acenaphthylene-d8	14.85	160	5395102	77.10	ng/ul	0.00
51) 4-Nitrophenol-d4	15.31	143	837428	106.88	ng/ul	0.00
57) Fluorene-d10	16.13	176	3635257	71.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.23	200	715169	81.88	ng/ul	0.00
70) Anthracene-d10	17.96	188	5409843	77.01	ng/ul	0.00
76) Pyrene-d10	20.19	212	5779221	72.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.29	264	6200265	82.79	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.72	88	240955	28.858	ng/uL#	78
4) Benzaldehyde	7.66	77	669090	60.359	ng/ul	89
6) Phenol	7.70	94	1961561	68.752	ng/ul#	80
8) Bis(2-Chloroethyl)ether	7.95	93	1549827	74.866	ng/ul	89
10) 2-Chlorophenol	8.10	128	1636443	76.877	ng/ul	97
11) 2-Methylphenol	8.98	108	1462878	67.034	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.08	45	2848531	136.352	ng/ul	97
14) Acetophenone	9.39	105	2301760	56.079	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.37	70	1199536	58.318	ng/ul#	79
16) 4-Methylphenol	9.32	108	1555607	65.415	ng/ul	96
17) Hexachloroethane	9.66	117	664211	59.899	ng/ul#	70
20) Nitrobenzene	9.78	77	1785725	63.297	ng/ul	91
21) Isophorone	10.30	82	3168193	65.653	ng/ul#	92
23) 2-Nitrophenol	10.49	139	886592	82.909	ng/ul#	73
24) 2,4-Dimethylphenol	10.53	107	1708237	65.158	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.77	93	1994485	78.465	ng/ul	96
27) 2,4-Dichlorophenol	11.03	162	1458251	75.156	ng/ul#	90
28) Naphthalene	11.45	128	4871022	73.471	ng/ul	100
30) 4-Chloroaniline	11.54	127	1304884	63.507	ng/ul	94
31) Hexachlorobutadiene	11.72	225	920201	59.777	ng/ul	96
32) Caprolactam	12.32	113	448889	72.232	ng/ul#	61
33) 4-Chloro-3-methylphenol	12.63	107	1508534	64.344	ng/ul	92
34) 2-Methylnaphthalene	13.02	142	3424661	67.867	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.37	216	1720705	78.005	ng/ul#	96
37) Hexachlorocyclopentadiene	13.35	237	1247912	103.954	ng/ul	100
38) 2,4,6-Trichlorophenol	13.60	196	1134465	82.432	ng/ul	98
39) 2,4,5-Trichlorophenol	13.67	196	1195219	84.984	ng/ul	99
40) 1,1'-Biphenyl	13.99	154	4295026	81.137	ng/ul#	98
41) 2-Chloronaphthalene	14.05	162	3350654	79.238	ng/ul	98
42) 2-Nitroaniline	14.23	65	1011299	70.680	ng/ul	93
44) Dimethylphthalate	14.59	163	4021610	71.867	ng/ul	99
45) 2,6-Dinitrotoluene	14.72	165	861733	81.054	ng/ul	87
47) Acenaphthylene	14.88	152	5111060	77.275	ng/ul	100
48) 3-Nitroaniline	15.05	138	795309	88.260	ng/ul	84
49) Acenaphthene	15.22	153	3540737	76.025	ng/ul	100
50) 2,4-Dinitrophenol	15.24	184	477873	83.574	ng/ul	94
52) 4-Nitrophenol	15.33	109	593003	57.729	ng/ul#	79
53) Dibenzofuran	15.54	168	4842279	69.340	ng/ul	100
54) 2,4-Dinitrotoluene	15.49	165	1234019	72.443	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	15.76	232	1033549	72.670	ng/ul#	89
56) Diethylphthalate	15.93	149	4071441	65.293	ng/ul	95
58) Fluorene	16.18	166	3941173	65.373	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.16	204	2012705	63.827	ng/ul	97
60) 4-Nitroaniline	16.19	138	931533	92.181	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.24	198	734720	82.646	ng/ul	90
64) N-Nitrosodiphenylamine	16.37	169	3384586	80.888	ng/ul	99
65) 4-Bromophenyl-phenylether	17.04	248	1262722	77.718	ng/ul	95
66) Hexachlorobenzene	17.17	284	1430521	83.725	ng/ul#	93
67) Atrazine	17.30	200	1102286	66.705	ng/ul	92
68) Pentachlorophenol	17.50	266	876842	97.935	ng/ul	98
69) Phenanthrene	17.90	178	6099321	72.704	ng/ul	99
71) Anthracene	17.99	178	6245965	74.032	ng/ul	98
72) Carbazole	18.25	167	5481473	77.266	ng/ul	98
73) Di-n-butylphthalate	18.77	149	6819866	74.514	ng/ul#	97
74) Fluoranthene	19.87	202	6987003	69.711	ng/ul#	85
77) Pyrene	20.22	202	7022580	68.804	ng/ul#	80
78) Butylbenzylphthalate	21.06	149	3168513	75.081	ng/ul	89
79) 3,3'-Dichlorobenzidine	21.85	252	2482071	91.923	ng/ul#	96
80) Benzo(a)anthracene	21.93	228	7065552	73.714	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.81	149	4607343	76.229	ng/ul#	98
82) Chrysene	21.99	228	6608851	73.911	ng/ul	98
84) Di-n-octyl phthalate	22.77	149	7626241	57.755	ng/ul#	94
85) Benzo(b)fluoranthene	23.69	252	7269062	70.550	ng/ul#	97
86) Benzo(k)fluoranthene	23.74	252	7038625	71.852	ng/ul#	96
88) Benzo(a)pyrene	24.34	252	6983809	75.852	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	27.06	276	8475759	94.867	ng/ul#	87
90) Dibenzo(a,h)anthracene	27.07	278	7132177	96.072	ng/ul#	93
91) Benzo(g,h,i)perylene	27.86	276	6890501	95.203	ng/ul#	90

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

