

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
 Data File : BM012054.D
 Acq On : 10 Oct 2017 22:23
 Operator : SJ/JU
 Sample : SSTDC00020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02038

Quant Time: Oct 11 01:16:16 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 01:12:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	222887	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	996435	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	611799	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1477137	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1876008	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1846441	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	36246	7.69	ng/uL	0.00
5) Phenol-d5	7.00	99	381878	19.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	233897	20.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	334638	21.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	325965	19.66	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	156788	22.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	180816	22.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	351970	21.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	435763	24.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1101175	20.77	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1340317	21.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	169406	18.29	ng/ul	0.00
57) Fluorene-d10	15.48	176	974390	20.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	182693	18.38	ng/ul	0.00
70) Anthracene-d10	17.33	188	1551729	21.32	ng/ul	0.00
76) Pyrene-d10	19.63	212	1848865	21.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1890298	21.28	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.29	88	38331	8.005	ng/uL#	68
4) Benzaldehyde	6.99	77	220181	23.041	ng/ul	95
6) Phenol	7.03	94	374549	19.738	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.26	93	289237	20.300	ng/ul	94
10) 2-Chlorophenol	7.40	128	321344	21.376	ng/ul	97
11) 2-Methylphenol	8.29	108	288626	19.999	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.37	45	376716	20.674	ng/ul#	87
14) Acetophenone	8.67	105	488288	20.130	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.65	70	257508	20.745	ng/ul#	69
16) 4-Methylphenol	8.61	108	323233	20.009	ng/ul	90
17) Hexachloroethane	8.92	117	130347	21.611	ng/ul	84
20) Nitrobenzene	9.05	77	382746	22.326	ng/ul	94
21) Isophorone	9.57	82	676894	21.174	ng/ul#	94
23) 2-Nitrophenol	9.76	139	184010	21.905	ng/ul#	78
24) 2,4-Dimethylphenol	9.82	107	383139	21.266	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	10.06	93	414755	21.129	ng/ul	96
27) 2,4-Dichlorophenol	10.29	162	339535	21.784	ng/ul#	92
28) Naphthalene	10.70	128	1047767	20.962	ng/ul	100
30) 4-Chloroaniline	10.81	127	409136	23.658	ng/ul	94
31) Hexachlorobutadiene	10.97	225	242289	21.188	ng/ul	94
32) Caprolactam	11.59	113	97657	19.111	ng/ul#	48
33) 4-Chloro-3-methylphenol	11.93	107	354127	20.903	ng/ul	96
34) 2-Methylnaphthalene	12.31	142	786621	20.638	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	445383	21.460	ng/ul	98
37) Hexachlorocyclopentadiene	12.65	237	272605	22.568	ng/ul	99
38) 2,4,6-Trichlorophenol	12.92	196	289993	21.999	ng/ul	96
39) 2,4,5-Trichlorophenol	12.99	196	305385	22.011	ng/ul	97
40) 1,1'-Biphenyl	13.32	154	1020749	20.868	ng/ul	99
41) 2-Chloronaphthalene	13.36	162	817633	21.362	ng/ul	97
42) 2-Nitroaniline	13.57	65	216748	22.308	ng/ul	90
44) Dimethylphthalate	13.95	163	1047128	20.527	ng/ul	100
45) 2,6-Dinitrotoluene	14.07	165	205350	21.351	ng/ul	96
47) Acenaphthylene	14.21	152	1308247	21.654	ng/ul	98
48) 3-Nitroaniline	14.40	138	189395	21.199	ng/ul	90
49) Acenaphthene	14.55	153	880506	21.062	ng/ul	99
50) 2,4-Dinitrophenol	14.62	184	98528	15.501	ng/ul	95
52) 4-Nitrophenol	14.70	109	152306	20.572	ng/ul	81
53) Dibenzofuran	14.89	168	1273222	20.984	ng/ul	100
54) 2,4-Dinitrotoluene	14.86	165	312476	21.974	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.12	232	288833	21.318	ng/ul#	87
56) Diethylphthalate	15.30	149	1077277	20.806	ng/ul	95
58) Fluorene	15.54	166	1053376	20.789	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.53	204	546337	20.388	ng/ul	96
60) 4-Nitroaniline	15.56	138	209562	20.136	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.63	198	188442	18.557	ng/ul#	89
64) N-Nitrosodiphenylamine	15.74	169	897404	21.031	ng/ul	100
65) 4-Bromophenyl-phenylether	16.42	248	334740	20.231	ng/ul	94
66) Hexachlorobenzene	16.54	284	388782	21.016	ng/ul#	89
67) Atrazine	16.69	200	347380	20.563	ng/ul	95
68) Pentachlorophenol	16.89	266	236417	20.316	ng/ul	99
69) Phenanthrene	17.27	178	1679270	20.667	ng/ul	99
71) Anthracene	17.37	178	1747562	21.138	ng/ul	98
72) Carbazole	17.64	167	1488745	20.788	ng/ul	99
73) Di-n-butylphthalate	18.19	149	1869511	21.786	ng/ul#	98
74) Fluoranthene	19.29	202	2143845	21.625	ng/ul#	91
77) Pyrene	19.66	202	2277992	21.900	ng/ul#	90
78) Butylbenzylphthalate	20.54	149	944688	23.184	ng/ul#	90
79) 3,3'-Dichlorobenzidine	21.33	252	737772	21.125	ng/ul#	95
80) Benzo(a)anthracene	21.40	228	2376697	22.115	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.31	149	1410528	23.269	ng/ul#	97
82) Chrysene	21.44	228	2194939	21.495	ng/ul	100
84) Di-n-octyl phthalate	22.20	149	2494862	23.128	ng/ul	100
85) Benzo(b)fluoranthene	23.02	252	2381324	21.218	ng/ul#	98
86) Benzo(k)fluoranthene	23.07	252	2401096	21.429	ng/ul#	97
88) Benzo(a)pyrene	23.63	252	2270518	21.054	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.09	276	2264789	19.625	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.10	278	1936171	20.418	ng/ul#	95
91) Benzo(g,h,i)perylene	26.82	276	1830258	19.173	ng/ul#	94

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

