

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061217\
 Data File : BM010527.D
 Acq On : 12 Jun 2017 09:44
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02026

Manual Integrations
 APPROVED

mohammad
 6/13/2017 3:54:12 PM

Quant Time: Jun 13 02:13:44 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 08 01:22:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	104715	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.69	136	386303	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.53	164	280752	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.27	188	765561	20.00	ng/ul	-0.02
75) Chrysene-d12	21.44	240	1128930	20.00	ng/ul	-0.01
83) Perylene-d12	23.77	264	1143113	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	17388	6.81	ng/uL	-0.02
5) Phenol-d5	7.07	99	132441	16.69	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.23	67	78634	17.63	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.43	132	116245	18.38	ng/ul	-0.02
13) 4-Methylphenol-d8	8.61	113	118713	18.54	ng/ul	-0.03
19) Nitrobenzene-d5	9.07	128	53077	18.76	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.79	143	69671	21.25	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.32	165	154741	22.98	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.86	131	140288	21.59	ng/ul	-0.02
43) Dimethylphthalate-d6	13.94	166	498838	21.38	ng/ul	-0.01
46) Acenaphthylene-d8	14.23	160	561958	20.65	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.77	143	63565	18.21	ng/ul	-0.02
57) Fluorene-d10	15.52	176	459349	22.40	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.64	200	101328	18.69	ng/ul	-0.02
70) Anthracene-d10	17.37	188	751736	20.18	ng/ul	-0.02
76) Pyrene-d10	19.66	212	947457	20.30	ng/ul	-0.02
87) Benzo(a)pyrene-d12	23.62	264	1077529	20.25	ng/ul	-0.03

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.39	88	18155	6.674 ng/uL#	37
4) Benzaldehyde	7.05	77	111302	20.859 ng/ul	93
6) Phenol	7.10	94	133750	16.441 ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.33	93	90985	16.116 ng/ul	93
10) 2-Chlorophenol	7.46	128	121186	19.093 ng/ul	90
11) 2-Methylphenol	8.35	108	105159	17.709 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.42	45	36850	14.474 ng/ul#	35
14) Acetophenone	8.73	105	191314	18.312 ng/ul	88
15) N-Nitroso-di-n-propylamine	8.70	70	107901	20.662 ng/ul#	79
16) 4-Methylphenol	8.67	108	113108	17.365 ng/ul	85
17) Hexachloroethane	8.96	117	63350	21.979 ng/ul	96
20) Nitrobenzene	9.12	77	173959	21.527 ng/ul	91
21) Isophorone	9.62	82	257508	20.707 ng/ul	94
23) 2-Nitrophenol	9.82	139	70737	20.352 ng/ul	93
24) 2,4-Dimethylphenol	9.87	107	169550	20.983 ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.10	93	128310	18.359 ng/ul	94
27) 2,4-Dichlorophenol	10.35	162	148867	22.564 ng/ul	90
28) Naphthalene	10.75	128	375858	19.398 ng/ul	99
30) 4-Chloroaniline	10.88	127	144251	23.005 ng/ul	91
31) Hexachlorobutadiene	10.99	225	155251	25.687 ng/ul	93
32) Caprolactam	11.68	113	32422m	19.638 ng/ul	
33) 4-Chloro-3-methylphenol	11.99	107	133791	21.068 ng/ul	97
34) 2-Methylnaphthalene	12.35	142	316344	21.534 ng/ul	94

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36) 1,2,4,5-Tetrachlorobenzene	12.70	216	255399	21.869	ng/ul	97
37) Hexachlorocyclopentadiene	12.66	237	131521	16.794	ng/ul#	95
38) 2,4,6-Trichlorophenol	12.96	196	150506	22.672	ng/ul	98
39) 2,4,5-Trichlorophenol	13.03	196	153476	22.921	ng/ul	98
40) 1,1'-Biphenyl	13.36	154	459022	20.154	ng/ul	95
41) 2-Chloronaphthalene	13.40	162	357069	19.956	ng/ul	97
42) 2-Nitroaniline	13.64	65	92118	20.214	ng/ul	96
44) Dimethylphthalate	13.99	163	489054	21.318	ng/ul	100
45) 2,6-Dinitrotoluene	14.13	165	94534	22.483	ng/ul#	84
47) Acenaphthylene	14.26	152	533687	20.069	ng/ul	97
48) 3-Nitroaniline	14.47	138	74037	18.276	ng/ul	97
49) Acenaphthene	14.59	153	371171	19.902	ng/ul	98
50) 2,4-Dinitrophenol	14.67	184	61598	19.384	ng/ul#	81
52) 4-Nitrophenol	14.79	109	119202	24.923	ng/ul#	66
53) Dibenzofuran	14.93	168	596368	21.625	ng/ul	99
54) 2,4-Dinitrotoluene	14.91	165	143043	23.166	ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	15.15	232	160123	24.892	ng/ul#	97
56) Diethylphthalate	15.34	149	480590	21.659	ng/ul	97
58) Fluorene	15.57	166	490070	21.664	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.56	204	305923	23.663	ng/ul	98
60) 4-Nitroaniline	15.64	138	78107	18.414	ng/ul#	76
63) 4,6-Dinitro-2-methylphenol	15.66	198	105138	18.298	ng/ul#	99
64) N-Nitrosodiphenylamine	15.79	169	427617	19.162	ng/ul	97
65) 4-Bromophenyl-phenylether	16.46	248	189148	20.080	ng/ul	93
66) Hexachlorobenzene	16.56	284	187235	18.981	ng/ul#	85
67) Atrazine	16.73	200	202554	20.883	ng/ul	96
68) Pentachlorophenol	16.92	266	114736	18.273	ng/ul	94
69) Phenanthrene	17.32	178	794348	19.436	ng/ul	98
71) Anthracene	17.41	178	857911	20.107	ng/ul	99
72) Carbazole	17.69	167	672140	18.612	ng/ul	97
73) Di-n-butylphthalate	18.21	149	797915	19.572	ng/ul#	97
74) Fluoranthene	19.33	202	1100617	21.899	ng/ul#	95
77) Pyrene	19.69	202	1159345	19.929	ng/ul#	92
78) Butylbenzylphthalate	20.56	149	383346	19.067	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.37	252	412374	18.609	ng/ul	94
80) Benzo(a)anthracene	21.43	228	1293604	20.320	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.31	149	552093	18.455	ng/ul	99
82) Chrysene	21.48	228	1162429	20.199	ng/ul	98
84) Di-n-octyl phthalate	22.20	149	1050559	19.968	ng/ul#	95
85) Benzo(b)fluoranthene	23.06	252	1388486	20.875	ng/ul#	96
86) Benzo(k)fluoranthene	23.11	252	1312335m	20.653	ng/ul	
88) Benzo(a)pyrene	23.67	252	1338713	20.304	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.16	276	1708995	20.516	ng/ul	99
90) Dibenzo(a,h)anthracene	26.16	278	1466138	20.436	ng/ul	97
91) Benzo(g,h,i)perylene	26.89	276	1370592	19.972	ng/ul	97

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

