

Data Path : Z:\HPCHEM1\BNA_M\Data\BM053117\
 Data File : BM010328.D
 Acq On : 31 May 2017 12:56
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02009

Manual Integrations
 APPROVED

mohammad
 6/1/2017 3:01:29 PM

Quant Time: Jun 01 00:56:44 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 30 16:47:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	260805	20.00	ng/ul	0.00
18) Naphthalene-d8	10.73	136	949114	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	593387	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.30	188	1395300	20.00	ng/ul	0.00
75) Chrysene-d12	21.47	240	1859104	20.00	ng/ul	0.00
83) Perylene-d12	23.82	264	1983382	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	45871	7.22	ng/uL	0.00
5) Phenol-d5	7.11	99	382622	19.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	217131	19.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	321435	20.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	303967	19.06	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	146742	21.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	164117	20.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	351419	21.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	358779	22.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1041672	21.13	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	1211854	21.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.80	143	140357	19.03	ng/ul	0.00
57) Fluorene-d10	15.55	176	895181	20.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	184233	18.64	ng/ul	0.00
70) Anthracene-d10	17.40	188	1368556	20.16	ng/ul	0.00
76) Pyrene-d10	19.69	212	1616235	21.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.66	264	1894183	20.51	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	50764	7.49	ng/uL#	44
4) Benzaldehyde	7.09	77	291415	21.93	ng/ul	96
6) Phenol	7.13	94	392002	19.35	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.36	93	279109	19.85	ng/ul	91
10) 2-Chlorophenol	7.50	128	329855	20.87	ng/ul#	89
11) 2-Methylphenol	8.38	108	287331	19.43	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.45	45	120113	18.94	ng/ul#	54
14) Acetophenone	8.76	105	492802	18.94	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.73	70	271077	20.84	ng/ul#	85
16) 4-Methylphenol	8.71	108	315128	19.43	ng/ul	93
17) Hexachloroethane	8.99	117	146819	20.45	ng/ul	89
20) Nitrobenzene	9.15	77	410924	20.70	ng/ul	97
21) Isophorone	9.66	82	648425	21.22	ng/ul	98
23) 2-Nitrophenol	9.85	139	176769	20.70	ng/ul	97
24) 2,4-Dimethylphenol	9.91	107	401403	20.22	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.14	93	347850	20.26	ng/ul	95
27) 2,4-Dichlorophenol	10.38	162	347282	21.42	ng/ul	96
28) Naphthalene	10.78	128	984947	20.69	ng/ul	98
30) 4-Chloroaniline	10.92	127	347944	22.59	ng/ul	91
31) Hexachlorobutadiene	11.03	225	312160	21.02	ng/ul	92
32) Caprolactam	11.72	113	79875m	19.69	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	333717	21.39	ng/ul	98
34) 2-Methylnaphthalene	12.38	142	756299	20.95	ng/ul	95

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36) 1,2,4,5-Tetrachlorobenzene	12.73	216	525159	21.28	ng/ul	98
37) Hexachlorocyclopentadiene	12.70	237	267166	16.14	ng/ul#	98
38) 2,4,6-Trichlorophenol	12.99	196	297867	21.23	ng/ul	96
39) 2,4,5-Trichlorophenol	13.07	196	309878	21.90	ng/ul	97
40) 1,1'-Biphenyl	13.39	154	1011136	21.01	ng/ul	98
41) 2-Chloronaphthalene	13.44	162	775589	20.51	ng/ul	95
42) 2-Nitroaniline	13.67	65	210780	21.88	ng/ul	97
44) Dimethylphthalate	14.02	163	1002272	20.67	ng/ul	99
45) 2,6-Dinitrotoluene	14.16	165	187741	21.13	ng/ul#	82
47) Acenaphthylene	14.29	152	1189619	21.17	ng/ul	99
48) 3-Nitroaniline	14.50	138	159231	18.60	ng/ul	93
49) Acenaphthene	14.62	153	812754	20.62	ng/ul	100
50) 2,4-Dinitrophenol	14.69	184	126544	18.84	ng/ul	95
52) 4-Nitrophenol	14.81	109	195921	19.38	ng/ul	89
53) Dibenzofuran	14.96	168	1206656	20.70	ng/ul	95
54) 2,4-Dinitrotoluene	14.94	165	273092	20.93	ng/ul#	96
55) 2,3,4,6-Tetrachlorophenol	15.18	232	285929	21.03	ng/ul	93
56) Diethylphthalate	15.37	149	976308	20.82	ng/ul	96
58) Fluorene	15.60	166	991406	20.74	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.59	204	565691	20.70	ng/ul	94
60) 4-Nitroaniline	15.67	138	160998	17.96	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.69	198	191995	18.33	ng/ul	97
64) N-Nitrosodiphenylamine	15.82	169	835846	20.55	ng/ul	99
65) 4-Bromophenyl-phenylether	16.49	248	356557	20.77	ng/ul	93
66) Hexachlorobenzene	16.59	284	370071	20.58	ng/ul#	88
67) Atrazine	16.76	200	355551	20.11	ng/ul	96
68) Pentachlorophenol	16.94	266	209747	18.33	ng/ul	96
69) Phenanthrene	17.34	178	1513980	20.33	ng/ul	98
71) Anthracene	17.44	178	1601502	20.59	ng/ul	99
72) Carbazole	17.72	167	1290366	19.60	ng/ul	98
73) Di-n-butylphthalate	18.24	149	1520455	20.46	ng/ul	99
74) Fluoranthene	19.35	202	1909175	20.84	ng/ul	99
77) Pyrene	19.72	202	2015840	21.04	ng/ul	99
78) Butylbenzylphthalate	20.59	149	722994	21.84	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.39	252	723320	19.82	ng/ul	96
80) Benzo(a)anthracene	21.45	228	2171039	20.71	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	1062797	21.57	ng/ul	97
82) Chrysene	21.50	228	1972474	20.81	ng/ul	99
84) Di-n-octyl phthalate	22.23	149	1983215	21.73	ng/ul#	93
85) Benzo(b)fluoranthene	23.10	252	2397690	20.78	ng/ul	98
86) Benzo(k)fluoranthene	23.14	252	2244104m	20.35	ng/ul	
88) Benzo(a)pyrene	23.71	252	2307810	20.17	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	26.21	276	2956222	20.45	ng/ul	99
90) Dibenzo(a,h)anthracene	26.22	278	2554072	20.52	ng/ul	98
91) Benzo(g,h,i)perylene	26.96	276	2440458	20.50	ng/ul#	96

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

