

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060717\
 Data File : BM010438.D
 Acq On : 07 Jun 2017 17:58
 Operator : SJ/MA
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02018

Manual Integrations
 APPROVED

mohammad
 6/8/2017 11:16:37 AM

Quant Time: Jun 08 02:20:46 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	7.91	152	294071	20.00	ng/ul	0.00
18) Naphthalene-d8	10.72	136	1110280	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.55	164	749378	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1764625	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1954165	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	1746934	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	57378	8.01	ng/uL	0.00
5) Phenol-d5	7.10	99	437885	19.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	235500	18.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.45	132	363070	20.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	352599	19.61	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	173403	21.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	206772	21.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.34	165	435062	22.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	458471	24.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.96	166	1367060	21.96	ng/ul	0.00
46) Acenaphthylene-d8	14.25	160	1543506	21.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.79	143	189129	20.30	ng/ul	0.00
57) Fluorene-d10	15.54	176	1168391	21.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	256997	20.56	ng/ul	0.00
70) Anthracene-d10	17.39	188	1796633	20.92	ng/ul	0.00
76) Pyrene-d10	19.68	212	1975511	24.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.65	264	1706779	20.98	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.41	88	63989	8.376 ng/uL#	64
4) Benzaldehyde	7.07	77	328904	21.949 ng/ul	93
6) Phenol	7.13	94	444453	19.454 ng/ul	99
8) Bis(2-Chloroethyl)ether	7.35	93	311016	19.617 ng/ul	88
10) 2-Chlorophenol	7.48	128	360900	20.247 ng/ul#	91
11) 2-Methylphenol	8.37	108	332638	19.947 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.43	45	122481	17.130 ng/ul#	54
14) Acetophenone	8.75	105	583928	19.902 ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.72	70	325096	22.168 ng/ul#	82
16) 4-Methylphenol	8.70	108	359001	19.626 ng/ul	89
17) Hexachloroethane	8.97	117	169029	20.883 ng/ul	95
20) Nitrobenzene	9.14	77	502334	21.628 ng/ul	99
21) Isophorone	9.65	82	788321	22.056 ng/ul#	94
23) 2-Nitrophenol	9.84	139	213559	21.378 ng/ul	93
24) 2,4-Dimethylphenol	9.89	107	498073	21.447 ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.13	93	406251	20.225 ng/ul	99
27) 2,4-Dichlorophenol	10.37	162	424427	22.383 ng/ul	89
28) Naphthalene	10.76	128	1117648	20.070 ng/ul	100
30) 4-Chloroaniline	10.90	127	417023	23.140 ng/ul	96
31) Hexachlorobutadiene	11.01	225	379616	21.853 ng/ul	94
32) Caprolactam	11.71	113	105210m	22.172 ng/ul	
33) 4-Chloro-3-methylphenol	12.02	107	424043	23.233 ng/ul	100
34) 2-Methylnaphthalene	12.37	142	919900	21.787 ng/ul	94

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060717\
 Data File : BM010438.D
 Acq On : 07 Jun 2017 17:58
 Operator : SJ/MA
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02018

Manual Integrations
 APPROVED

mohammad
 6/8/2017 11:16:37 AM

Quant Time: Jun 08 02:20:46 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)
36) 1,2,4,5-Tetrachlorobenzene	12.72	216	636248	20.410	ng/ul#	94
37) Hexachlorocyclopentadiene	12.68	237	359680	17.206	ng/ul	97
38) 2,4,6-Trichlorophenol	12.98	196	392583	22.156	ng/ul	98
39) 2,4,5-Trichlorophenol	13.06	196	407995	22.828	ng/ul	99
40) 1,1'-Biphenyl	13.37	154	1263639	20.786	ng/ul	97
41) 2-Chloronaphthalene	13.43	162	973780	20.390	ng/ul	98
42) 2-Nitroaniline	13.66	65	286684	23.569	ng/ul	94
44) Dimethylphthalate	14.01	163	1298741	21.210	ng/ul	98
45) 2,6-Dinitrotoluene	14.15	165	256319	22.838	ng/ul#	81
47) Acenaphthylene	14.27	152	1494638	21.058	ng/ul	99
48) 3-Nitroaniline	14.49	138	215745	19.952	ng/ul	96
49) Acenaphthene	14.61	153	1010262	20.295	ng/ul	99
50) 2,4-Dinitrophenol	14.69	184	168926	19.916	ng/ul#	82
52) 4-Nitrophenol	14.80	109	294812	23.093	ng/ul#	83
53) Dibenzofuran	14.95	168	1554034	21.112	ng/ul	93
54) 2,4-Dinitrotoluene	14.93	165	382907	23.232	ng/ul#	96
55) 2,3,4,6-Tetrachlorophenol	15.17	232	392046	22.833	ng/ul#	93
56) Diethylphthalate	15.36	149	1306290	22.056	ng/ul	97
58) Fluorene	15.59	166	1287005	21.315	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.58	204	739582	21.432	ng/ul	94
60) 4-Nitroaniline	15.66	138	205758	18.174	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.68	198	264986	20.008	ng/ul#	96
64) N-Nitrosodiphenylamine	15.80	169	1085892	21.110	ng/ul	99
65) 4-Bromophenyl-phenylether	16.47	248	466193	21.471	ng/ul	90
66) Hexachlorobenzene	16.57	284	458320	20.157	ng/ul#	84
67) Atrazine	16.75	200	498073	22.278	ng/ul	94
68) Pentachlorophenol	16.94	266	290588	20.077	ng/ul	98
69) Phenanthrene	17.34	178	1950144	20.701	ng/ul	99
71) Anthracene	17.43	178	2046472	20.809	ng/ul	98
72) Carbazole	17.71	167	1632842	19.616	ng/ul	98
73) Di-n-butylphthalate	18.23	149	2124310	22.606	ng/ul	98
74) Fluoranthene	19.34	202	2374617	20.498	ng/ul#	97
77) Pyrene	19.71	202	2436887	24.200	ng/ul	97
78) Butylbenzylphthalate	20.58	149	917973	26.377	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.39	252	716592	18.681	ng/ul	94
80) Benzo(a)anthracene	21.44	228	2308416	20.948	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	1271885	24.562	ng/ul	98
82) Chrysene	21.50	228	2056295	20.642	ng/ul	99
84) Di-n-octyl phthalate	22.22	149	2100450	26.124	ng/ul#	96
85) Benzo(b)fluoranthene	23.09	252	2149723	21.148	ng/ul	99
86) Benzo(k)fluoranthene	23.13	252	2070974	21.326	ng/ul	100
88) Benzo(a)pyrene	23.70	252	2064912	20.494	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.19	276	2558139	20.095	ng/ul	99
90) Dibenzo(a,h)anthracene	26.20	278	2173812	19.827	ng/ul#	98
91) Benzo(g,h,i)perylene	26.94	276	2101618	20.039	ng/ul	98

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

