

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010525.D
 Acq On : 11 Jun 2017 14:58
 Operator : SJ/MA
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02025

Manual Integrations
 APPROVED

mohammad
 6/12/2017 3:41:47 PM

Quant Time: Jun 12 10:18:24 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 12 09:00:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	151975	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	560851	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	399363	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	1010120	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1462465	20.00	ng/ul	0.00
83) Perylene-d12	23.78	264	1432355	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	24352	6.57	ng/uL	0.00
5) Phenol-d5	7.07	99	207297	18.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	115814	17.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	179416	19.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	169754	18.27	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	81925	19.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	105482	22.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	232385	23.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	222170	23.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	728302	21.95	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	801524	20.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	102362	20.62	ng/ul	0.00
57) Fluorene-d10	15.52	176	633626	21.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	148595	20.77	ng/ul	0.00
70) Anthracene-d10	17.37	188	1025055	20.86	ng/ul	0.00
76) Pyrene-d10	19.66	212	1278081	21.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1391065	20.86	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.39	88	27524	6.972	ng/uL# 47
4) Benzaldehyde	7.06	77	164754	21.274	ng/ul 90
6) Phenol	7.10	94	207337	17.561	ng/ul 90
8) Bis(2-Chloroethyl)ether	7.33	93	142762	17.424	ng/ul 94
10) 2-Chlorophenol	7.46	128	173194	18.801	ng/ul 92
11) 2-Methylphenol	8.35	108	158761	18.421	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.42	45	54326	14.702	ng/ul# 33
14) Acetophenone	8.73	105	273939	18.067	ng/ul# 91
15) N-Nitroso-di-n-propylamine	8.70	70	157169	20.738	ng/ul# 84
16) 4-Methylphenol	8.68	108	177807	18.809	ng/ul 99
17) Hexachloroethane	8.95	117	89972	21.508	ng/ul 85
20) Nitrobenzene	9.12	77	248804	21.207	ng/ul 92
21) Isophorone	9.62	82	377096	20.886	ng/ul 94
23) 2-Nitrophenol	9.82	139	104441	20.697	ng/ul 91
24) 2,4-Dimethylphenol	9.87	107	249257	21.247	ng/ul 95
25) Bis(2-Chloroethoxy)methane	10.10	93	197093	19.424	ng/ul 93
27) 2,4-Dichlorophenol	10.35	162	224609	23.449	ng/ul 95
28) Naphthalene	10.75	128	566600	20.142	ng/ul 99
30) 4-Chloroaniline	10.88	127	213029	23.400	ng/ul 99
31) Hexachlorobutadiene	10.99	225	207400	23.635	ng/ul# 90
32) Caprolactam	11.68	113	48673m	20.306	ng/ul
33) 4-Chloro-3-methylphenol	11.99	107	210669	22.849	ng/ul 97
34) 2-Methylnaphthalene	12.35	142	457537	21.452	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	363794	21.899	ng/ul	98
37) Hexachlorocyclopentadiene	12.66	237	184176	16.533	ng/ul#	98
38) 2,4,6-Trichlorophenol	12.96	196	220929	23.396	ng/ul	97
39) 2,4,5-Trichlorophenol	13.03	196	216313	22.710	ng/ul	98
40) 1,1'-Biphenyl	13.36	154	635896	19.628	ng/ul	99
41) 2-Chloronaphthalene	13.40	162	513562	20.178	ng/ul	95
42) 2-Nitroaniline	13.64	65	140860	21.730	ng/ul	95
44) Dimethylphthalate	13.99	163	681560	20.886	ng/ul	99
45) 2,6-Dinitrotoluene	14.13	165	136314	22.791	ng/ul#	80
47) Acenaphthylene	14.26	152	772005	20.409	ng/ul	98
48) 3-Nitroaniline	14.47	138	112382	19.502	ng/ul	99
49) Acenaphthene	14.59	153	516735	19.478	ng/ul	97
50) 2,4-Dinitrophenol	14.67	184	91889	20.328	ng/ul#	85
52) 4-Nitrophenol	14.79	109	169132	24.859	ng/ul#	73
53) Dibenzofuran	14.93	168	846352	21.575	ng/ul	96
54) 2,4-Dinitrotoluene	14.91	165	209202	23.818	ng/ul#	91
55) 2,3,4,6-Tetrachlorophenol	15.15	232	224478	24.532	ng/ul#	94
56) Diethylphthalate	15.34	149	690103	21.864	ng/ul	95
58) Fluorene	15.57	166	674718	20.968	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.56	204	416098	22.626	ng/ul	98
60) 4-Nitroaniline	15.64	138	117120m	19.411	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.66	198	151855	20.030	ng/ul	97
64) N-Nitrosodiphenylamine	15.79	169	585407	19.881	ng/ul	95
65) 4-Bromophenyl-phenylether	16.46	248	262413	21.113	ng/ul	92
66) Hexachlorobenzene	16.56	284	259190	19.914	ng/ul#	78
67) Atrazine	16.73	200	277428	21.677	ng/ul	94
68) Pentachlorophenol	16.92	266	161252	19.463	ng/ul	95
69) Phenanthrene	17.32	178	1109475	20.574	ng/ul	97
71) Anthracene	17.41	178	1162199	20.644	ng/ul	100
72) Carbazole	17.70	167	934953	19.621	ng/ul	97
73) Di-n-butylphthalate	18.22	149	1135551	21.110	ng/ul#	98
74) Fluoranthene	19.33	202	1484978	22.393	ng/ul#	95
77) Pyrene	19.69	202	1554639	20.629	ng/ul#	95
78) Butylbenzylphthalate	20.56	149	561519	21.560	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.37	252	561904	19.574	ng/ul	93
80) Benzo(a)anthracene	21.43	228	1724760	20.914	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.31	149	806827	20.819	ng/ul	99
82) Chrysene	21.48	228	1556003	20.872	ng/ul	99
84) Di-n-octyl phthalate	22.20	149	1452066	22.026	ng/ul#	95
85) Benzo(b)fluoranthene	23.06	252	1744006	20.925	ng/ul#	99
86) Benzo(k)fluoranthene	23.11	252	1703773	21.398	ng/ul#	99
88) Benzo(a)pyrene	23.67	252	1715065	20.760	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.16	276	2101990	20.139	ng/ul	99
90) Dibenzo(a,h)anthracene	26.16	278	1803360	20.061	ng/ul	99
91) Benzo(g,h,i)perylene	26.90	276	1679119	19.527	ng/ul#	97

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

