

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
 Data File : BM010682.D
 Acq On : 23 Jun 2017 04:32
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02045

Manual Integrations
 APPROVED

mohammad
 6/26/2017 8:26:43 AM

Quant Time: Jun 23 07:08:06 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 23 05:06:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	69367	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	313961	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	225692	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	575687	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	654882	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	512716	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	9616	7.94	ng/uL	0.00
5) Phenol-d5	6.65	99	118793	17.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	61920	16.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	87609	18.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	98718	18.02	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	47724	21.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	56220	21.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	111409	20.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	129836	22.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	387691	19.57	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	447808	19.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	64159	18.40	ng/ul	0.00
57) Fluorene-d10	15.12	176	337371	19.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	73994	20.93	ng/ul	0.00
70) Anthracene-d10	16.97	188	553991m	19.93	ng/ul	0.00
76) Pyrene-d10	19.27	212	628291	20.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	497055	20.06	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.10	88	10465	7.738	ng/uL# 45
4) Benzaldehyde	6.62	77	82507	21.215	ng/ul 92
6) Phenol	6.67	94	121379	17.834	ng/ul 92
8) Bis(2-Chloroethyl)ether	6.90	93	88268	17.814	ng/ul 89
10) 2-Chlorophenol	7.03	128	88789	19.162	ng/ul 96
11) 2-Methylphenol	7.90	108	96343	18.572	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.00	45	54984	15.896	ng/ul# 84
14) Acetophenone	8.27	105	167958	18.776	ng/ul 90
15) N-Nitroso-di-n-propylamine	8.27	70	87365	18.124	ng/ul# 91
16) 4-Methylphenol	8.23	108	104754	18.353	ng/ul 91
17) Hexachloroethane	8.52	117	42223	20.492	ng/ul# 75
20) Nitrobenzene	8.65	77	130779	20.010	ng/ul 96
21) Isophorone	9.17	82	235291	18.113	ng/ul 99
23) 2-Nitrophenol	9.35	139	57560	21.029	ng/ul 92
24) 2,4-Dimethylphenol	9.42	107	142146	20.418	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.66	93	129527	17.981	ng/ul 95
27) 2,4-Dichlorophenol	9.87	162	110829	20.957	ng/ul# 90
28) Naphthalene	10.27	128	309421	19.804	ng/ul 99
30) 4-Chloroaniline	10.39	127	130919	22.740	ng/ul 91
31) Hexachlorobutadiene	10.56	225	84828	21.270	ng/ul 95
32) Caprolactam	11.15	113	34600m	18.643	ng/ul
33) 4-Chloro-3-methylphenol	11.52	107	135145	20.036	ng/ul 91
34) 2-Methylnaphthalene	11.90	142	250647	19.957	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.27	216	163220	20.491	ng/ul#	97
37) Hexachlorocyclopentadiene	12.26	237	84957	18.554	ng/ul#	97
38) 2,4,6-Trichlorophenol	12.53	196	109744	20.175	ng/ul	96
39) 2,4,5-Trichlorophenol	12.59	196	114917	20.461	ng/ul	98
40) 1,1'-Biphenyl	12.93	154	345121	19.559	ng/ul	99
41) 2-Chloronaphthalene	12.97	162	277060	19.955	ng/ul	95
42) 2-Nitroaniline	13.19	65	85018	20.932	ng/ul	97
44) Dimethylphthalate	13.58	163	381213	19.629	ng/ul	100
45) 2,6-Dinitrotoluene	13.70	165	74848	22.251	ng/ul#	84
47) Acenaphthylene	13.83	152	429851	19.584	ng/ul	97
48) 3-Nitroaniline	14.02	138	70118	20.667	ng/ul	99
49) Acenaphthene	14.17	153	284383	19.207	ng/ul	98
50) 2,4-Dinitrophenol	14.23	184	49722	20.409	ng/ul#	82
52) 4-Nitrophenol	14.34	109	100404	22.697	ng/ul#	83
53) Dibenzofuran	14.52	168	448024	19.980	ng/ul	96
54) 2,4-Dinitrotoluene	14.49	165	110997	21.269	ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	14.74	232	113111	19.906	ng/ul#	88
56) Diethylphthalate	14.97	149	395022	19.333	ng/ul	96
58) Fluorene	15.17	166	360232	19.188	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.17	204	203764	19.970	ng/ul	91
60) 4-Nitroaniline	15.20	138	83193	20.762	ng/ul	86
63) 4,6-Dinitro-2-methylphenol	15.26	198	75819	20.124	ng/ul	94
64) N-Nitrosodiphenylamine	15.39	169	312974	19.603	ng/ul	99
65) 4-Bromophenyl-phenylether	16.07	248	129537	19.652	ng/ul#	88
66) Hexachlorobenzene	16.17	284	139045	20.030	ng/ul#	85
67) Atrazine	16.36	200	141881	21.094	ng/ul	97
68) Pentachlorophenol	16.52	266	94899	19.390	ng/ul	98
69) Phenanthrene	16.91	178	600607	19.624	ng/ul	98
71) Anthracene	17.00	178	625616	19.841	ng/ul	99
72) Carbazole	17.27	167	527176	19.164	ng/ul	96
73) Di-n-butylphthalate	17.86	149	662717	18.946	ng/ul	100
74) Fluoranthene	18.94	202	768367	19.480	ng/ul	98
77) Pyrene	19.30	202	782169	20.678	ng/ul#	98
78) Butylbenzylphthalate	20.24	149	307560	21.629	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.01	252	268355	20.484	ng/ul#	98
80) Benzo(a)anthracene	21.07	228	777280	20.382	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.02	149	440343	20.296	ng/ul#	97
82) Chrysene	21.12	228	691193	20.328	ng/ul	98
84) Di-n-octyl phthalate	21.88	149	728705	20.339	ng/ul#	95
85) Benzo(b)fluoranthene	22.59	252	711068	21.365	ng/ul	97
86) Benzo(k)fluoranthene	22.63	252	641111	20.319	ng/ul	99
88) Benzo(a)pyrene	23.13	252	616775	20.129	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.33	276	587496	18.487	ng/ul	99
90) Dibenzo(a,h)anthracene	25.35	278	494392	18.668	ng/ul	99
91) Benzo(g,h,i)perylene	25.98	276	474778	18.768	ng/ul	98

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

