

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071117\
 Data File : BM010791.D
 Acq On : 11 Jul 2017 14:28
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02013

Manual Integrations
 APPROVED

mohammad
 7/12/2017 4:59:39 PM

Quant Time: Jul 12 02:04:51 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 12 01:54:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	39724	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	177540	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.10	164	144299	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	397183	20.00	ng/ul	0.00
75) Chrysene-d12	21.07	240	459222	20.00	ng/ul	0.00
83) Perylene-d12	23.21	264	384007	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	6487	9.36	ng/uL	0.00
5) Phenol-d5	6.64	99	66260	17.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	42012	19.45	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	48343	18.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	54971	17.52	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	26007	20.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	29323	20.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	66423	21.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	77393	23.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	236181	18.65	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	284048	19.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	38908	17.45	ng/ul	0.00
57) Fluorene-d10	15.11	176	223749	20.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	46555	19.08	ng/ul	0.00
70) Anthracene-d10	16.96	188	392802	20.48	ng/ul	0.00
76) Pyrene-d10	19.27	212	490370	22.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	366993	19.77	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.10	88	7786	10.054	ng/uL# 64
4) Benzaldehyde	6.61	77	50754	22.789	ng/ul 96
6) Phenol	6.67	94	71553	18.358	ng/ul 97
8) Bis(2-Chloroethyl)ether	6.90	93	51534	18.161	ng/ul 96
10) 2-Chlorophenol	7.02	128	51134	19.270	ng/ul 96
11) 2-Methylphenol	7.90	108	56016	18.856	ng/ul 85
12) 2,2'-oxybis(1-Chloropropan	7.99	45	34724	17.530	ng/ul# 94
14) Acetophenone	8.27	105	96019	18.744	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.26	70	53926	19.535	ng/ul# 88
16) 4-Methylphenol	8.23	108	60887	18.628	ng/ul 94
17) Hexachloroethane	8.52	117	26825	22.734	ng/ul# 73
20) Nitrobenzene	8.64	77	83020	22.463	ng/ul 93
21) Isophorone	9.16	82	136682	18.607	ng/ul 98
23) 2-Nitrophenol	9.35	139	31850	20.577	ng/ul# 88
24) 2,4-Dimethylphenol	9.42	107	81148	20.612	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.65	93	77263	18.967	ng/ul 94
27) 2,4-Dichlorophenol	9.87	162	63123	21.108	ng/ul# 87
28) Naphthalene	10.26	128	183382	20.756	ng/ul 99
30) 4-Chloroaniline	10.38	127	74557	22.901	ng/ul 90
31) Hexachlorobutadiene	10.56	225	55202	24.477	ng/ul 94
32) Caprolactam	11.15	113	18628m	17.749	ng/ul
33) 4-Chloro-3-methylphenol	11.52	107	77058	20.203	ng/ul 89
34) 2-Methylnaphthalene	11.89	142	153319	21.587	ng/ul 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.27	216	103164	20.257	ng/ul#	96
37) Hexachlorocyclopentadiene	12.25	237	45239	15.453	ng/ul	91
38) 2,4,6-Trichlorophenol	12.52	196	66153	19.021	ng/ul	99
39) 2,4,5-Trichlorophenol	12.59	196	70086	19.517	ng/ul	99
40) 1,1'-Biphenyl	12.93	154	214598	19.022	ng/ul	96
41) 2-Chloronaphthalene	12.96	162	174128	19.615	ng/ul	95
42) 2-Nitroaniline	13.18	65	56322	21.688	ng/ul	92
44) Dimethylphthalate	13.57	163	230764	18.585	ng/ul	99
45) 2,6-Dinitrotoluene	13.69	165	44892	20.873	ng/ul#	69
47) Acenaphthylene	13.82	152	265651	18.930	ng/ul	99
48) 3-Nitroaniline	14.02	138	44084	20.323	ng/ul	97
49) Acenaphthene	14.17	153	185630	19.609	ng/ul	98
50) 2,4-Dinitrophenol	14.23	184	29843	19.159	ng/ul#	76
52) 4-Nitrophenol	14.33	109	67313	23.799	ng/ul#	79
53) Dibenzofuran	14.51	168	298356	20.811	ng/ul	93
54) 2,4-Dinitrotoluene	14.49	165	67555	20.246	ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	14.74	232	74392	20.476	ng/ul#	90
56) Diethylphthalate	14.96	149	253264	19.387	ng/ul	95
58) Fluorene	15.16	166	243117	20.254	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.17	204	136563	20.934	ng/ul	90
60) 4-Nitroaniline	15.19	138	49395	19.280	ng/ul	83
63) 4,6-Dinitro-2-methylphenol	15.25	198	49035	18.864	ng/ul	91
64) N-Nitrosodiphenylamine	15.38	169	212108	19.256	ng/ul	99
65) 4-Bromophenyl-phenylether	16.06	248	90477	19.895	ng/ul#	87
66) Hexachlorobenzene	16.17	284	93910	19.608	ng/ul#	76
67) Atrazine	16.35	200	94607	20.387	ng/ul#	92
68) Pentachlorophenol	16.52	266	59390	17.589	ng/ul	96
69) Phenanthrene	16.90	178	425323	20.142	ng/ul	97
71) Anthracene	16.99	178	445197	20.465	ng/ul	98
72) Carbazole	17.27	167	370281	19.510	ng/ul	98
73) Di-n-butylphthalate	17.85	149	465680	19.296	ng/ul	97
74) Fluoranthene	18.93	202	572706	21.045	ng/ul	97
77) Pyrene	19.30	202	601090	22.661	ng/ul#	98
78) Butylbenzylphthalate	20.23	149	215134	21.575	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.00	252	160996	17.525	ng/ul#	93
80) Benzo(a)anthracene	21.06	228	553482	20.697	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.02	149	319545	21.004	ng/ul#	98
82) Chrysene	21.12	228	486135	20.389	ng/ul	100
84) Di-n-octyl phthalate	21.87	149	524645	19.552	ng/ul#	94
85) Benzo(b)fluoranthene	22.58	252	513294	20.592	ng/ul	95
86) Benzo(k)fluoranthene	22.62	252	460462	19.485	ng/ul	98
88) Benzo(a)pyrene	23.12	252	454259	19.795	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.32	276	491340	20.644	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.33	278	400331	20.183	ng/ul#	98
91) Benzo(g,h,i)perylene	25.96	276	395299	20.864	ng/ul	99

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

