

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032817\
 Data File : BM009416.D
 Acq On : 27 Mar 2017 16:34
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02034

Manual Integrations
 APPROVED

mohammad
 3/28/2017 12:49:26 PM

Quant Time: Mar 28 02:17:13 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 27 04:18:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	124055	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	505694	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	325323	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	773889	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	1053348	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	1009995	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	25623	7.87	ng/uL	0.00
5) Phenol-d5	7.01	99	219024	19.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	163083	20.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	156039	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	166178	19.84	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	73449	19.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	78829	19.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	162511	20.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	201265	22.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	501671	21.93	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	632451	22.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	88087	20.88	ng/ul	0.00
57) Fluorene-d10	15.49	176	481944	22.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	84568	17.29	ng/ul	0.00
70) Anthracene-d10	17.34	188	767052	20.78	ng/ul	0.00
78) Pyrene-d10	19.63	212	867867	19.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.59	264	943927	20.29	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	29043	7.99	ng/uL#	65
4) Benzaldehyde	7.00	77	185180	23.57	ng/ul#	80
6) Phenol	7.03	94	240684	20.05	ng/ul#	77
8) Bis(2-Chloroethyl)ether	7.28	93	181758	19.44	ng/ul#	74
10) 2-Chlorophenol	7.41	128	161847	20.14	ng/ul#	69
11) 2-Methylphenol	8.29	108	160752	19.36	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.38	45	314427	20.73	ng/ul#	86
14) Acetophenone	8.67	105	292783	20.50	ng/ul#	70
15) N-Nitroso-di-n-propylamine	8.66	70	172258	20.90	ng/ul#	77
16) 4-Methylphenol	8.62	108	183657	20.37	ng/ul	99
17) Hexachloroethane	8.93	117	80104	20.66	ng/ul	96
20) Nitrobenzene	9.06	77	264919	21.14	ng/ul#	76
21) Isophorone	9.57	82	428095	20.54	ng/ul#	93
23) 2-Nitrophenol	9.76	139	85543	20.06	ng/ul#	64
24) 2,4-Dimethylphenol	9.82	107	221610	21.05	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.06	93	249005	20.62	ng/ul	98
27) 2,4-Dichlorophenol	10.29	162	168146	21.14	ng/ul	96
28) Naphthalene	10.70	128	529650	20.69	ng/ul	99
30) 4-Chloroaniline	10.82	127	211041	21.92	ng/ul	97
31) Hexachlorobutadiene	10.97	225	125117	20.08	ng/ul	93
32) Caprolactam	11.59	113	47783m	19.50	ng/ul	
33) 4-Chloro-3-methylphenol	11.93	107	185987	20.82	ng/ul	90
34) 2-Methylnaphthalene	12.31	142	391557	21.22	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	12.68	216	236095	21.60	ng/ul	96
37) Hexachlorocyclopentadiene	12.65	237	133620	19.49	ng/ul	98
38) 2,4,6-Trichlorophenol	12.92	196	133817	20.91	ng/ul	99
39) 2,4,5-Trichlorophenol	12.99	196	150796	21.84	ng/ul	99
40) 1,1'-Biphenyl	13.33	154	523849	21.79	ng/ul#	97
41) 2-Chloronaphthalene	13.37	162	404322	21.62	ng/ul	96
42) 2-Nitroaniline	13.58	65	148592	21.56	ng/ul#	68
44) Dimethylphthalate	13.95	163	500480	21.93	ng/ul	99
45) 2,6-Dinitrotoluene	14.08	165	97515	22.11	ng/ul#	72
47) Acenaphthylene	14.22	152	636394	22.26	ng/ul	99
48) 3-Nitroaniline	14.41	138	101736	22.37	ng/ul#	70
49) Acenaphthene	14.56	153	447854	22.31	ng/ul	98
50) 2,4-Dinitrophenol	14.62	184	49302	16.27	ng/ul#	81
52) 4-Nitrophenol	14.70	109	104247	21.09	ng/ul#	73
53) Dibenzofuran	14.89	168	665414	22.87	ng/ul	97
54) 2,4-Dinitrotoluene	14.86	165	152205	23.08	ng/ul#	52
55) 2,3,4,6-Tetrachlorophenol	15.12	232	142362	22.88	ng/ul#	89
56) Diethylphthalate	15.32	149	538064	22.98	ng/ul	99
58) Fluorene	15.54	166	551087	23.22	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.54	204	282364	22.31	ng/ul#	86
60) 4-Nitroaniline	15.57	138	118665	24.56	ng/ul#	77
63) 4,6-Dinitro-2-methylphenol	15.63	198	93822	17.84	ng/ul#	95
64) N-Nitrosodiphenylamine	15.75	169	476459	20.40	ng/ul	99
65) 4-Bromophenyl-phenylether	16.43	248	174667	20.15	ng/ul	88
66) Hexachlorobenzene	16.54	284	197022	20.17	ng/ul	93
67) Atrazine	16.70	200	174872	19.64	ng/ul	96
68) Pentachlorophenol	16.89	266	106677	18.04	ng/ul	97
69) Phenanthrene	17.29	178	883635	20.28	ng/ul	98
71) Anthracene	17.37	178	920611	20.64	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	207953	18.28	ng/uL	99
73) Pentachlorobenzene	14.81	250	216335	19.23	ng/uL	98
74) Carbazole	17.65	167	807424	20.08	ng/ul	98
75) Di-n-butylphthalate	18.20	149	901985	20.78	ng/ul#	98
76) Fluoranthene	19.30	202	1074291	20.40	ng/ul	99
79) Pyrene	19.66	202	1143824	19.77	ng/ul	98
80) Butylbenzylphthalate	20.55	149	400360	18.96	ng/ul#	75
81) 3,3'-Dichlorobenzidine	21.34	252	418215	20.69	ng/ul#	96
82) Benzo(a)anthracene	21.40	228	1201178	20.06	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.32	149	592168	19.11	ng/ul#	99
84) Chrysene	21.46	228	1166636	20.55	ng/ul	98
86) Di-n-octyl phthalate	22.22	149	1060995	18.10	ng/ul#	86
87) Benzo(b)fluoranthene	23.04	252	1246953	20.44	ng/ul#	97
88) Benzo(k)fluoranthene	23.09	252	1167779	20.10	ng/ul	98
90) Benzo(a)pyrene	23.64	252	1187415	20.42	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	26.11	276	1371720	20.71	ng/ul#	91
92) Dibenzo(a,h)anthracene	26.11	278	1164114	20.52	ng/ul#	95
93) Benzo(g,h,i)perylene	26.84	276	1138756	20.64	ng/ul#	93

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

