

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030117\
 Data File : BM009053.D
 Acq On : 01 Mar 2017 16:29
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02061

Manual Integrations
 APPROVED

mohammad
 3/2/2017 11:03:59 AM

Quant Time: Mar 02 03:51:38 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 02 03:22:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	206396	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	846040	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	613809	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1288729	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1537535	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	1379180	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	41444	8.06	ng/uL	0.00
5) Phenol-d5	7.05	99	376528	20.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	271209	20.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	256904	20.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	283305	20.62	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	123699	20.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.78	143	136525	20.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.31	165	282392	20.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.84	131	321979	22.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	854186	20.67	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	1057870	20.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	145069	20.10	ng/ul	0.00
57) Fluorene-d10	15.53	176	795329	20.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	142250	18.34	ng/ul	0.00
70) Anthracene-d10	17.38	188	1257557m	20.61	ng/ul	0.00
76) Pyrene-d10	19.67	212	1423257	21.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.65	264	1291078	20.62	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.40	88	47982m	7.99	ng/ul
4) Benzaldehyde	7.05	77	316731	22.52	ng/ul
6) Phenol	7.07	94	402800	20.40	ng/ul#
8) Bis(2-Chloroethyl)ether	7.32	93	314908	20.34	ng/ul#
10) 2-Chlorophenol	7.46	128	269022	20.72	ng/ul#
11) 2-Methylphenol	8.33	108	280219	20.47	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.43	45	518144	20.30	ng/ul
14) Acetophenone	8.72	105	491180	20.65	ng/ul#
15) N-Nitroso-di-n-propylamine	8.70	70	297223	20.38	ng/ul#
16) 4-Methylphenol	8.66	108	307085	20.64	ng/ul
17) Hexachloroethane	8.97	117	131576	20.92	ng/ul#
20) Nitrobenzene	9.10	77	426471	19.94	ng/ul#
21) Isophorone	9.63	82	733998	20.62	ng/ul
23) 2-Nitrophenol	9.82	139	142820	20.30	ng/ul#
24) 2,4-Dimethylphenol	9.86	107	376030	20.68	ng/ul
25) Bis(2-Chloroethoxy)methane	10.10	93	424643	20.74	ng/ul
27) 2,4-Dichlorophenol	10.34	162	279406	20.78	ng/ul
28) Naphthalene	10.75	128	867007	20.44	ng/ul
30) 4-Chloroaniline	10.86	127	351833	23.00	ng/ul
31) Hexachlorobutadiene	11.02	225	225174	20.05	ng/ul
32) Caprolactam	11.64	113	79068	19.62	ng/ul#
33) 4-Chloro-3-methylphenol	11.97	107	327705	20.81	ng/ul#
34) 2-Methylnaphthalene	12.36	142	639061	20.17	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.72	216	407334	20.40	ng/ul#	96
37) Hexachlorocyclopentadiene	12.70	237	242919	18.88	ng/ul	97
38) 2,4,6-Trichlorophenol	12.96	196	245349	21.53	ng/ul	93
39) 2,4,5-Trichlorophenol	13.03	196	263827	21.22	ng/ul	92
40) 1,1'-Biphenyl	13.37	154	882037	20.84	ng/ul	95
41) 2-Chloronaphthalene	13.41	162	693255	21.02	ng/ul	94
42) 2-Nitroaniline	13.62	65	257329	20.47	ng/ul#	79
44) Dimethylphthalate	13.99	163	848560	20.52	ng/ul	99
45) 2,6-Dinitrotoluene	14.12	165	170188	21.59	ng/ul#	67
47) Acenaphthylene	14.26	152	1053962	21.19	ng/ul	99
48) 3-Nitroaniline	14.44	138	163379	21.13	ng/ul#	91
49) Acenaphthene	14.60	153	753034	21.20	ng/ul	99
50) 2,4-Dinitrophenol	14.65	184	74812	14.65	ng/ul#	72
52) 4-Nitrophenol	14.74	109	177625	19.21	ng/ul#	68
53) Dibenzofuran	14.93	168	1081379	20.79	ng/ul	92
54) 2,4-Dinitrotoluene	14.90	165	247597	21.27	ng/ul#	66
55) 2,3,4,6-Tetrachlorophenol	15.16	232	242223	21.06	ng/ul#	89
56) Diethylphthalate	15.35	149	873439	20.63	ng/ul	98
58) Fluorene	15.59	166	898694	20.74	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.57	204	489019	20.86	ng/ul#	96
60) 4-Nitroaniline	15.61	138	186592	21.68	ng/ul#	34
63) 4,6-Dinitro-2-methylphenol	15.66	198	155466	19.09	ng/ul#	75
64) N-Nitrosodiphenylamine	15.79	169	770675	20.49	ng/ul	99
65) 4-Bromophenyl-phenylether	16.47	248	308300	20.98	ng/ul#	87
66) Hexachlorobenzene	16.58	284	323826	20.10	ng/ul	98
67) Atrazine	16.74	200	296457	20.06	ng/ul	95
68) Pentachlorophenol	16.93	266	185935	18.63	ng/ul#	88
69) Phenanthrene	17.33	178	1444241	20.28	ng/ul	99
71) Anthracene	17.42	178	1495207	20.57	ng/ul	96
72) Carbazole	17.69	167	1280649	19.91	ng/ul	97
73) Di-n-butylphthalate	18.24	149	1493024	20.49	ng/ul#	97
74) Fluoranthene	19.33	202	1730004	20.09	ng/ul#	94
77) Pyrene	19.70	202	1826024	21.26	ng/ul#	94
78) Butylbenzylphthalate	20.59	149	641037	20.75	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.37	252	614909	20.89	ng/ul	98
80) Benzo(a)anthracene	21.44	228	1798140	20.50	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.35	149	918488	20.50	ng/ul	96
82) Chrysene	21.49	228	1677567	20.12	ng/ul	98
84) Di-n-octyl phthalate	22.26	149	1574762	19.83	ng/ul#	90
85) Benzo(b)fluoranthene	23.09	252	1702166	20.52	ng/ul#	98
86) Benzo(k)fluoranthene	23.13	252	1639582	21.00	ng/ul#	97
88) Benzo(a)pyrene	23.70	252	1617535	20.56	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.20	276	1767207	19.78	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.21	278	1487999	19.55	ng/ul#	94
91) Benzo(g,h,i)perylene	26.93	276	1462585	19.78	ng/ul#	94

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

