

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022717\
 Data File : BM009034.D
 Acq On : 27 Feb 2017 17:01
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02058

Manual Integrations
 APPROVED

mohammad
 2/28/2017 2:26:10 PM

Quant Time: Feb 28 00:05:29 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 25 00:25:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	210961	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	834680	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	600345	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.28	188	1238293	20.00	ng/ul	0.00
75) Chrysene-d12	21.45	240	1518374	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	1442095	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	41396	7.88	ng/uL	0.00
5) Phenol-d5	7.05	99	381082	19.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	275648	20.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	260175	20.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	276487	19.69	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	126822	21.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.78	143	132862	20.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.31	165	278855	20.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.83	131	320945	22.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	828652	20.50	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	1033639	20.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	147946	20.96	ng/ul	0.00
57) Fluorene-d10	15.53	176	774985	20.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	136259	18.28	ng/ul	0.00
70) Anthracene-d10	17.38	188	1215242m	20.73	ng/ul	0.00
76) Pyrene-d10	19.67	212	1379575	20.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.64	264	1366617	20.87	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.39	88	45237	7.37 ng/uL#	70
4) Benzaldehyde	7.05	77	314051	21.85 ng/ul	89
6) Phenol	7.07	94	401831	19.91 ng/ul#	70
8) Bis(2-Chloroethyl)ether	7.32	93	309281	19.54 ng/ul	86
10) 2-Chlorophenol	7.46	128	267232	20.14 ng/ul#	78
11) 2-Methylphenol	8.33	108	280049	20.02 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.43	45	519735	19.92 ng/ul	98
14) Acetophenone	8.72	105	477725	19.65 ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.70	70	289826	19.44 ng/ul#	82
16) 4-Methylphenol	8.66	108	302053	19.87 ng/ul	98
17) Hexachloroethane	8.97	117	130429	20.29 ng/ul	95
20) Nitrobenzene	9.10	77	426809	20.22 ng/ul#	89
21) Isophorone	9.62	82	715081	20.37 ng/ul#	94
23) 2-Nitrophenol	9.82	139	145618	20.98 ng/ul#	52
24) 2,4-Dimethylphenol	9.86	107	361996	20.18 ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.10	93	413737	20.48 ng/ul	95
27) 2,4-Dichlorophenol	10.34	162	278677	21.01 ng/ul	93
28) Naphthalene	10.75	128	872165	20.84 ng/ul	99
30) 4-Chloroaniline	10.86	127	344581	22.83 ng/ul	99
31) Hexachlorobutadiene	11.02	225	226105	20.41 ng/ul	96
32) Caprolactam	11.63	113	76883m	19.34 ng/ul	
33) 4-Chloro-3-methylphenol	11.97	107	319423	20.56 ng/ul#	94
34) 2-Methylnaphthalene	12.36	142	640659	20.50 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.72	216	403312	20.65	ng/ul#	96
37) Hexachlorocyclopentadiene	12.69	237	232944	18.51	ng/ul	94
38) 2,4,6-Trichlorophenol	12.96	196	235198	21.11	ng/ul	95
39) 2,4,5-Trichlorophenol	13.03	196	251449	20.68	ng/ul	96
40) 1,1'-Biphenyl	13.37	154	846415	20.44	ng/ul	96
41) 2-Chloronaphthalene	13.41	162	668973	20.73	ng/ul	95
42) 2-Nitroaniline	13.62	65	248888	20.24	ng/ul#	74
44) Dimethylphthalate	13.99	163	834649	20.64	ng/ul#	99
45) 2,6-Dinitrotoluene	14.12	165	163235	21.18	ng/ul#	72
47) Acenaphthylene	14.26	152	1022138	21.02	ng/ul	99
48) 3-Nitroaniline	14.45	138	161378	21.34	ng/ul	81
49) Acenaphthene	14.60	153	714847	20.58	ng/ul	94
50) 2,4-Dinitrophenol	14.65	184	72023	14.42	ng/ul#	71
52) 4-Nitrophenol	14.74	109	177345	19.61	ng/ul#	79
53) Dibenzofuran	14.93	168	1061491	20.86	ng/ul	89
54) 2,4-Dinitrotoluene	14.90	165	240626	21.14	ng/ul#	69
55) 2,3,4,6-Tetrachlorophenol	15.16	232	230621	20.51	ng/ul#	93
56) Diethylphthalate	15.35	149	853468	20.61	ng/ul	97
58) Fluorene	15.59	166	868006	20.48	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.57	204	469749	20.49	ng/ul#	96
60) 4-Nitroaniline	15.61	138	176666	20.99	ng/ul#	37
63) 4,6-Dinitro-2-methylphenol	15.66	198	145421	18.58	ng/ul#	85
64) N-Nitrosodiphenylamine	15.79	169	757884	20.97	ng/ul	98
65) 4-Bromophenyl-phenylether	16.47	248	291381	20.64	ng/ul	91
66) Hexachlorobenzene	16.58	284	319069	20.61	ng/ul	95
67) Atrazine	16.74	200	282720	19.91	ng/ul	96
68) Pentachlorophenol	16.93	266	185433	19.34	ng/ul	91
69) Phenanthrene	17.33	178	1406712	20.55	ng/ul	98
71) Anthracene	17.42	178	1438609	20.60	ng/ul	98
72) Carbazole	17.69	167	1246605	20.17	ng/ul	98
73) Di-n-butylphthalate	18.24	149	1434791	20.49	ng/ul#	96
74) Fluoranthene	19.33	202	1701432	20.56	ng/ul#	93
77) Pyrene	19.70	202	1796064	21.18	ng/ul#	93
78) Butylbenzylphthalate	20.59	149	638107	20.92	ng/ul	87
79) 3,3'-Dichlorobenzidine	21.37	252	630781	21.70	ng/ul	98
80) Benzo(a)anthracene	21.44	228	1788885	20.65	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.35	149	938142	21.21	ng/ul	95
82) Chrysene	21.49	228	1697863	20.62	ng/ul	99
84) Di-n-octyl phthalate	22.25	149	1596352	19.22	ng/ul#	91
85) Benzo(b)fluoranthene	23.09	252	1818207	20.96	ng/ul#	98
86) Benzo(k)fluoranthene	23.13	252	1639620	20.08	ng/ul#	98
88) Benzo(a)pyrene	23.69	252	1649853	20.05	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.19	276	1896538	20.30	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.20	278	1598580	20.09	ng/ul#	96
91) Benzo(g,h,i)perylene	26.93	276	1565001	20.24	ng/ul#	96

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

