

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062316\
 Data File : BM005949.D
 Acq On : 24 Jun 2016 02:59
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02053

Manual Integrations
 APPROVED

umangi
 6/24/2016 7:29:47 PM

Quant Time: Jun 24 04:34:37 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM062216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 24 00:58:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	240418	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	993567	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	523797	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1191977	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	1354977	20.00	ng/ul	0.00
83) Perylene-d12	23.46	264	1427031	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	49394	8.18	ng/uL	0.00
5) Phenol-d5	6.83	99	416028	20.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	259088	20.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	322223	19.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	317252	19.56	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	149448	20.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	151739	19.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	302139	20.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	370691	23.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	818099	19.66	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1081407	20.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	163325	20.08	ng/ul	0.00
57) Fluorene-d10	15.30	176	730868	20.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	117823	19.84	ng/ul	0.00
70) Anthracene-d10	17.16	188	1102217	20.30	ng/ul	0.00
76) Pyrene-d10	19.45	212	1250794	19.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.32	264	1323169	20.58	ng/ul	-0.01

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.22	88	51795	7.93	ng/uL	95
4) Benzaldehyde	6.81	77	96313m	24.10	ng/ul	
6) Phenol	6.86	94	458081	20.34	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.09	93	339476	20.51	ng/ul	99
10) 2-Chlorophenol	7.23	128	340031	19.96	ng/ul	99
11) 2-Methylphenol	8.10	108	325689	19.92	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.20	45	487445	20.12	ng/ul	100
14) Acetophenone	8.48	105	506952	20.32	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.47	70	265320	19.27	ng/ul	98
16) 4-Methylphenol	8.43	108	349354	19.74	ng/ul	98
17) Hexachloroethane	8.73	117	135308	19.63	ng/ul	94
20) Nitrobenzene	8.86	77	393107	20.47	ng/ul	99
21) Isophorone	9.38	82	689463	19.54	ng/ul	99
23) 2-Nitrophenol	9.56	139	173096	20.16	ng/ul	98
24) 2,4-Dimethylphenol	9.63	107	377296	20.16	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.86	93	437397	19.91	ng/ul	97
27) 2,4-Dichlorophenol	10.09	162	305658	20.59	ng/ul	99
28) Naphthalene	10.49	128	1001182	20.20	ng/ul	100
30) 4-Chloroaniline	10.60	127	395353	22.90	ng/ul	99
31) Hexachlorobutadiene	10.78	225	194160	21.27	ng/ul	96
32) Caprolactam	11.35	113	100113	18.28	ng/ul	96
33) 4-Chloro-3-methylphenol	11.73	107	332662	19.22	ng/ul	97
34) 2-Methylnaphthalene	12.11	142	723996	19.94	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	365808	21.99	ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	213703	22.23	ng/ul	99
38) 2,4,6-Trichlorophenol	12.73	196	236754	20.97	ng/ul	97
39) 2,4,5-Trichlorophenol	12.80	196	243853	20.68	ng/ul	98
40) 1,1'-Biphenyl	13.14	154	904950	21.03	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	701259	21.13	ng/ul	99
42) 2-Nitroaniline	13.38	65	223618	20.11	ng/ul	99
44) Dimethylphthalate	13.77	163	823868	19.61	ng/ul	100
45) 2,6-Dinitrotoluene	13.89	165	165407	20.12	ng/ul	98
47) Acenaphthylene	14.03	152	1143942	20.72	ng/ul	100
48) 3-Nitroaniline	14.22	138	188362	22.86	ng/ul	97
49) Acenaphthene	14.37	153	717247	20.54	ng/ul	98
50) 2,4-Dinitrophenol	14.42	184	81757	18.17	ng/ul	95
52) 4-Nitrophenol	14.52	109	155670	20.00	ng/ul	97
53) Dibenzofuran	14.71	168	1031294	20.45	ng/ul	100
54) 2,4-Dinitrotoluene	14.67	165	243605	20.13	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.93	232	214927	20.51	ng/ul	98
56) Diethylphthalate	15.15	149	833857	19.20	ng/ul	99
58) Fluorene	15.36	166	810050	20.62	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	391202	20.75	ng/ul	97
60) 4-Nitroaniline	15.38	138	209627	20.50	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.44	198	131991	20.33	ng/ul	96
64) N-Nitrosodiphenylamine	15.57	169	705182	20.45	ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	257098	21.11	ng/ul	96
66) Hexachlorobenzene	16.36	284	279997	20.74	ng/ul	94
67) Atrazine	16.53	200	250912	20.65	ng/ul	98
68) Pentachlorophenol	16.70	266	169340	20.82	ng/ul	98
69) Phenanthrene	17.10	178	1319816	20.40	ng/ul	99
71) Anthracene	17.19	178	1355569	20.51	ng/ul	100
72) Carbazole	17.46	167	1236063	21.74	ng/ul	99
73) Di-n-butylphthalate	18.03	149	1418489	19.32	ng/ul	100
74) Fluoranthene	19.12	202	1567960	22.09	ng/ul	100
77) Pyrene	19.48	202	1657552	20.00	ng/ul	99
78) Butylbenzylphthalate	20.39	149	669262	19.34	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.17	252	567319	25.11	ng/ul	99
80) Benzo(a)anthracene	21.23	228	1649566	20.52	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.17	149	955085	19.68	ng/ul	100
82) Chrysene	21.29	228	1521013	20.50	ng/ul	99
84) Di-n-octyl phthalate	22.05	149	1707712	20.02	ng/ul	100
85) Benzo(b)fluoranthene	22.80	252	1711659	19.75	ng/ul	99
86) Benzo(k)fluoranthene	22.84	252	1678633	21.27	ng/ul	100
88) Benzo(a)pyrene	23.37	252	1679259	20.86	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.68	276	1903243	21.19	ng/ul	99
90) Dibenzo(a,h)anthracene	25.70	278	1590004	21.44	ng/ul	98
91) Benzo(g,h,i)perylene	26.36	276	1607785	20.76	ng/ul	100

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

