

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031115\
 Data File : BM000690.D
 Acq On : 11 Mar 2015 10:34
 Operator : TP/IZ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02071

Manual Integrations
 APPROVED

mohammad
 3/12/2015 1:04:13 PM

Quant Time: Mar 12 07:22:16 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 12 07:09:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	125223	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	505386	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	284626	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	632482	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	718130	20.00	ng/ul	0.00
83) Perylene-d12	23.46	264	691216	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	20210	7.80	ng/uL	0.00
5) Phenol-d5	6.83	99	190835	20.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	115321	20.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	156167	20.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	149912	20.20	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	68388	21.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	75516	21.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	146194	20.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	186592	23.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	387699	21.28	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	556498	21.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	71927	19.05	ng/ul	0.00
57) Fluorene-d10	15.30	176	389917	20.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	65616	19.06	ng/ul	0.00
70) Anthracene-d10	17.15	188	593291	20.46	ng/ul	0.00
76) Pyrene-d10	19.45	212	658103	20.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.31	264	622576	20.64	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.16	88	23599	7.65 ng/uL#	1
4) Benzaldehyde	6.80	77	108709	20.80 ng/ul	96
6) Phenol	6.85	94	206805	19.83 ng/ul	99
8) Bis(2-Chloroethyl)ether	7.08	93	163825	20.40 ng/ul	96
10) 2-Chlorophenol	7.22	128	168512	20.28 ng/ul	97
11) 2-Methylphenol	8.10	108	155988	20.11 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	288882	20.93 ng/ul	98
14) Acetophenone	8.47	105	248648	20.56 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.46	70	115224	20.72 ng/ul	96
16) 4-Methylphenol	8.42	108	168679	20.03 ng/ul	98
17) Hexachloroethane	8.72	117	65688	20.55 ng/ul	95
20) Nitrobenzene	8.85	77	178363	20.47 ng/ul	99
21) Isophorone	9.37	82	298803	20.78 ng/ul	100
23) 2-Nitrophenol	9.56	139	86397	21.05 ng/ul	99
24) 2,4-Dimethylphenol	9.62	107	183981	20.94 ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.86	93	202033	20.40 ng/ul	98
27) 2,4-Dichlorophenol	10.09	162	154633	21.04 ng/ul	99
28) Naphthalene	10.49	128	555391	20.33 ng/ul	100
30) 4-Chloroaniline	10.60	127	193962	23.03 ng/ul	97
31) Hexachlorobutadiene	10.77	225	94719	20.56 ng/ul	96
32) Caprolactam	11.35	113	38817m	19.23 ng/ul	
33) 4-Chloro-3-methylphenol	11.73	107	158299	20.99 ng/ul	96
34) 2-Methylnaphthalene	12.11	142	382628	20.50 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	182337	20.76	ng/ul	97
37) Hexachlorocyclopentadiene	12.46	237	97194	20.00	ng/ul	99
38) 2,4,6-Trichlorophenol	12.73	196	98735	21.27	ng/ul	100
39) 2,4,5-Trichlorophenol	12.80	196	114869	21.36	ng/ul	97
40) 1,1'-Biphenyl	13.13	154	493504	20.65	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	377873	20.64	ng/ul	97
42) 2-Nitroaniline	13.39	65	91948	21.76	ng/ul	96
44) Dimethylphthalate	13.77	163	448002	20.94	ng/ul	98
45) 2,6-Dinitrotoluene	13.89	165	81709	21.18	ng/ul	99
47) Acenaphthylene	14.03	152	626732	21.05	ng/ul	100
48) 3-Nitroaniline	14.22	138	81718	20.76	ng/ul	98
49) Acenaphthene	14.37	153	406363	20.62	ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	34205	15.75	ng/ul#	92
52) 4-Nitrophenol	14.53	109	57596	20.54	ng/ul	91
53) Dibenzofuran	14.70	168	576107	20.67	ng/ul	99
54) 2,4-Dinitrotoluene	14.68	165	127360	21.73	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.94	232	92348	21.51	ng/ul#	99
56) Diethylphthalate	15.14	149	439899	21.32	ng/ul	99
58) Fluorene	15.36	166	475472	20.77	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	225158	20.78	ng/ul	98
60) 4-Nitroaniline	15.38	138	92874	19.91	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.44	198	73809	19.18	ng/ul	99
64) N-Nitrosodiphenylamine	15.57	169	399167	20.90	ng/ul	100
65) 4-Bromophenyl-phenylether	16.25	248	124369	20.76	ng/ul	97
66) Hexachlorobenzene	16.36	284	139486	20.72	ng/ul	96
67) Atrazine	16.52	200	127944	20.46	ng/ul	96
68) Pentachlorophenol	16.71	266	66050	18.72	ng/ul	98
69) Phenanthrene	17.10	178	750191	20.52	ng/ul	99
71) Anthracene	17.19	178	770258	20.71	ng/ul	99
72) Carbazole	17.46	167	688524	20.67	ng/ul	100
73) Di-n-butylphthalate	18.02	149	717220	21.84	ng/ul	100
74) Fluoranthene	19.12	202	850390	21.18	ng/ul	99
77) Pyrene	19.48	202	922628	20.32	ng/ul	99
78) Butylbenzylphthalate	20.39	149	317927	21.93	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.17	252	244719	22.44	ng/ul	99
80) Benzo(a)anthracene	21.23	228	883130	20.86	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.17	149	485933	22.73	ng/ul	100
82) Chrysene	21.29	228	846591	20.63	ng/ul	99
84) Di-n-octyl phthalate	22.04	149	862987	20.55	ng/ul	100
85) Benzo(b)fluoranthene	22.80	252	852549	20.25	ng/ul	99
86) Benzo(k)fluoranthene	22.84	252	850932	20.85	ng/ul	99
88) Benzo(a)pyrene	23.36	252	832161	20.47	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.67	276	917345	20.49	ng/ul	99
90) Dibenzo(a,h)anthracene	25.69	278	780724	20.57	ng/ul	99
91) Benzo(g,h,i)perylene	26.35	276	781669	20.39	ng/ul	99

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

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