

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111617\
 Data File : BM012990.D
 Acq On : 17 Nov 2017 07:45
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02034

Manual Integrations
 APPROVED

SOHIL
 11/17/2017 5:13:44 PM

Quant Time: Nov 17 08:21:27 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 17 05:59:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	151668	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	620148	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	367863	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.11	188	857042	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	968822	20.00	ng/ul	0.00
83) Perylene-d12	23.53	264	973090	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	28128m	8.59	ng/uL	0.00
5) Phenol-d5	6.89	99	254492	19.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	147096	19.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	201261	19.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	202771	18.84	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	94180	21.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	93023	22.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	206551	19.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	239043	21.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	634681	19.67	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	802658	19.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	100276	20.49	ng/ul	0.00
57) Fluorene-d10	15.36	176	545444	19.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	76469	20.58	ng/ul	0.00
70) Anthracene-d10	17.20	188	862245	19.65	ng/ul	0.00
76) Pyrene-d10	19.50	212	945865	19.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	961417	19.48	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.28	88	28372	7.887	ng/uL# 67
4) Benzaldehyde	6.87	77	130793	18.473	ng/ul 90
6) Phenol	6.92	94	255244	19.685	ng/ul# 79
8) Bis(2-Chloroethyl)ether	7.16	93	195494	20.025	ng/ul 98
10) 2-Chlorophenol	7.29	128	195154	18.778	ng/ul 99
11) 2-Methylphenol	8.16	108	186393	18.938	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.25	45	211554m	19.101	ng/ul
14) Acetophenone	8.54	105	324538	19.678	ng/ul 90
15) N-Nitroso-di-n-propylamine	8.53	70	162239	19.180	ng/ul# 69
16) 4-Methylphenol	8.49	108	199337	19.072	ng/ul 99
17) Hexachloroethane	8.79	117	87046	19.777	ng/ul# 76
20) Nitrobenzene	8.92	77	236511	21.417	ng/ul 91
21) Isophorone	9.44	82	437192	19.321	ng/ul 96
23) 2-Nitrophenol	9.62	139	97749	21.365	ng/ul# 76
24) 2,4-Dimethylphenol	9.69	107	234709	19.501	ng/ul 87
25) Bis(2-Chloroethoxy)methane	9.93	93	258615	19.917	ng/ul 94
27) 2,4-Dichlorophenol	10.15	162	198637	20.030	ng/ul# 92
28) Naphthalene	10.56	128	636074	19.906	ng/ul 99
30) 4-Chloroaniline	10.66	127	231354	21.626	ng/ul 94
31) Hexachlorobutadiene	10.85	225	143764	20.133	ng/ul 91
32) Caprolactam	11.42	113	54126	17.381	ng/ul# 43
33) 4-Chloro-3-methylphenol	11.79	107	205894	19.492	ng/ul 93
34) 2-Methylnaphthalene	12.17	142	468961	20.059	ng/ul 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.54	216	272031	20.330	ng/ul	98
37) Hexachlorocyclopentadiene	12.52	237	194253	19.630	ng/ul	97
38) 2,4,6-Trichlorophenol	12.78	196	161800	20.064	ng/ul	96
39) 2,4,5-Trichlorophenol	12.85	196	167606	19.879	ng/ul	95
40) 1,1'-Biphenyl	13.20	154	622516	20.085	ng/ul	99
41) 2-Chloronaphthalene	13.23	162	484808	19.735	ng/ul	98
42) 2-Nitroaniline	13.43	65	126105	24.172	ng/ul	95
44) Dimethylphthalate	13.83	163	615897	19.961	ng/ul	98
45) 2,6-Dinitrotoluene	13.94	165	111513	23.686	ng/ul#	96
47) Acenaphthylene	14.08	152	748971	19.775	ng/ul	100
48) 3-Nitroaniline	14.26	138	103231	23.410	ng/ul	92
49) Acenaphthene	14.43	153	506341	19.893	ng/ul	98
50) 2,4-Dinitrophenol	14.47	184	47698	21.163	ng/ul	96
52) 4-Nitrophenol	14.57	109	96046	21.656	ng/ul#	81
53) Dibenzofuran	14.76	168	735257	20.166	ng/ul	98
54) 2,4-Dinitrotoluene	14.73	165	163248	24.788	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	14.99	232	144396	20.450	ng/ul#	91
56) Diethylphthalate	15.20	149	604446	19.376	ng/ul	93
58) Fluorene	15.42	166	597716	19.906	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.42	204	326901	20.608	ng/ul	98
60) 4-Nitroaniline	15.43	138	120901	20.849	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.49	198	83301	20.640	ng/ul	97
64) N-Nitrosodiphenylamine	15.63	169	522566	19.421	ng/ul	94
65) 4-Bromophenyl-phenylether	16.31	248	202924	19.549	ng/ul	98
66) Hexachlorobenzene	16.41	284	218460	19.500	ng/ul#	91
67) Atrazine	16.58	200	194555	18.877	ng/ul	91
68) Pentachlorophenol	16.76	266	115314	19.957	ng/ul	98
69) Phenanthrene	17.15	178	968493	20.091	ng/ul	98
71) Anthracene	17.24	178	995306	19.899	ng/ul	99
72) Carbazole	17.51	167	849185	19.632	ng/ul	100
73) Di-n-butylphthalate	18.09	149	1002771	18.200	ng/ul	98
74) Fluoranthene	19.17	202	1163733	19.973	ng/ul#	93
77) Pyrene	19.53	202	1167442	19.352	ng/ul#	91
78) Butylbenzylphthalate	20.45	149	448671	17.900	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.22	252	405276	20.353	ng/ul#	95
80) Benzo(a)anthracene	21.28	228	1203113	19.404	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.23	149	686144	18.573	ng/ul	99
82) Chrysene	21.33	228	1122064	19.515	ng/ul	99
84) Di-n-octyl phthalate	22.11	149	1129317	17.611	ng/ul#	99
85) Benzo(b)fluoranthene	22.86	252	1209774	19.238	ng/ul#	98
86) Benzo(k)fluoranthene	22.90	252	1189530	20.546	ng/ul#	98
88) Benzo(a)pyrene	23.43	252	1161488	19.833	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.78	276	1339294	19.578	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.80	278	1134584	19.579	ng/ul#	97
91) Benzo(g,h,i)perylene	26.46	276	1099240	19.339	ng/ul#	94

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

