

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102017\
 Data File : BM012332.D
 Acq On : 20 Oct 2017 22:47
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02021

Manual Integrations
 APPROVED

Quant Time: Oct 23 02:30:22 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 01:17:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	191234	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	876443	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	574188	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1359466	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1628090	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1589968	20.00	ng/ul	-0.01

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System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	29423	7.31	ng/uL	0.00
5) Phenol-d5	6.95	99	294325	18.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	183374	19.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	254913	19.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	265839	19.90	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	126398	18.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	152318	19.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	295563	19.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	358913	25.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1002583	19.76	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1179214	19.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	102456	13.43	ng/ul	0.00
57) Fluorene-d10	15.42	176	818730	19.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	161423	17.30	ng/ul	0.00
70) Anthracene-d10	17.28	188	1292937	19.23	ng/ul	0.00
76) Pyrene-d10	19.57	212	1463390	17.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	1505306	19.64	ng/ul	0.00

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Target Compounds

					Ovalue
2) 1,4-Dioxane	3.23	88	29826	7.264	ng/uL# 82
4) Benzaldehyde	6.92	77	204410	19.715	ng/ul 96
6) Phenol	6.97	94	306719	19.122	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.20	93	236746	19.368	ng/ul 91
10) 2-Chlorophenol	7.34	128	259065	19.287	ng/ul 94
11) 2-Methylphenol	8.22	108	238114	19.738	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.31	45	309484	19.940	ng/ul 94
14) Acetophenone	8.61	105	416567	20.518	ng/ul# 90
15) N-Nitroso-di-n-propylamine	8.58	70	226342	20.802	ng/ul# 89
16) 4-Methylphenol	8.55	108	268453	20.194	ng/ul 95
17) Hexachloroethane	8.84	117	111463	19.666	ng/ul 86
20) Nitrobenzene	8.98	77	322703	19.419	ng/ul 96
21) Isophorone	9.51	82	620855	19.998	ng/ul 96
23) 2-Nitrophenol	9.70	139	165299	19.723	ng/ul 93
24) 2,4-Dimethylphenol	9.75	107	330655	19.577	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.98	93	351414	19.304	ng/ul 99
27) 2,4-Dichlorophenol	10.24	162	284596	19.363	ng/ul 96
28) Naphthalene	10.62	128	869371	19.172	ng/ul 98
30) 4-Chloroaniline	10.75	127	354610	25.823	ng/ul 100
31) Hexachlorobutadiene	10.88	225	209982	19.276	ng/ul 97
32) Caprolactam	11.55	113	95545m	20.591	ng/ul
33) 4-Chloro-3-methylphenol	11.88	107	310134	20.139	ng/ul 99
34) 2-Methylnaphthalene	12.24	142	674074	19.699	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	381074	18.282	ng/ul#	98
37) Hexachlorocyclopentadiene	12.57	237	171983	18.513	ng/ul	99
38) 2,4,6-Trichlorophenol	12.87	196	251932	18.230	ng/ul	98
39) 2,4,5-Trichlorophenol	12.95	196	258495	18.175	ng/ul	97
40) 1,1'-Biphenyl	13.25	154	913336	18.847	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	726364	19.103	ng/ul	98
42) 2-Nitroaniline	13.52	65	201931	19.087	ng/ul	90
44) Dimethylphthalate	13.88	163	993333	19.537	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	197269	19.547	ng/ul	91
47) Acenaphthylene	14.15	152	1157994	19.197	ng/ul	98
48) 3-Nitroaniline	14.36	138	175456	22.346	ng/ul	92
49) Acenaphthene	14.49	153	777796	19.143	ng/ul	98
50) 2,4-Dinitrophenol	14.59	184	108675	18.963	ng/ul	88
52) 4-Nitrophenol	14.68	109	103830	15.143	ng/ul	94
53) Dibenzofuran	14.82	168	1143318	19.542	ng/ul	95
54) 2,4-Dinitrotoluene	14.82	165	296858	20.296	ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	15.06	232	234983	18.054	ng/ul#	84
56) Diethylphthalate	15.24	149	1036642	18.862	ng/ul	98
58) Fluorene	15.48	166	934868	19.240	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	490945	19.234	ng/ul	94
60) 4-Nitroaniline	15.52	138	166065	17.129	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.59	198	166362	16.890	ng/ul#	88
64) N-Nitrosodiphenylamine	15.68	169	808250	18.994	ng/ul	100
65) 4-Bromophenyl-phenylether	16.36	248	307756	18.912	ng/ul	93
66) Hexachlorobenzene	16.48	284	345438	18.737	ng/ul	95
67) Atrazine	16.64	200	337011	18.941	ng/ul	98
68) Pentachlorophenol	16.84	266	173444	16.869	ng/ul	97
69) Phenanthrene	17.22	178	1475783	19.083	ng/ul	99
71) Anthracene	17.31	178	1526679	19.068	ng/ul	99
72) Carbazole	17.59	167	1282991	18.934	ng/ul	99
73) Di-n-butylphthalate	18.13	149	1755828	18.664	ng/ul	99
74) Fluoranthene	19.24	202	1810245	19.396	ng/ul#	95
77) Pyrene	19.60	202	1906947	17.736	ng/ul#	94
78) Butylbenzylphthalate	20.48	149	853934	17.841	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.28	252	637690	19.681	ng/ul	99
80) Benzo(a)anthracene	21.35	228	1923959	18.161	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	1283128	17.866	ng/ul	97
82) Chrysene	21.40	228	1784159	17.938	ng/ul	99
84) Di-n-octyl phthalate	22.14	149	2253422	19.386	ng/ul#	95
85) Benzo(b)fluoranthene	22.96	252	1944355	18.739	ng/ul#	99
86) Benzo(k)fluoranthene	23.01	252	1950270	19.504	ng/ul#	98
88) Benzo(a)pyrene	23.55	252	1848080	18.898	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.00	276	1864310	17.952	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.00	278	1593617	18.254	ng/ul#	98
91) Benzo(g,h,i)perylene	26.72	276	1491123	17.531	ng/ul#	96

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

