

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
 Data File : BM015596.D
 Acq On : 09 Jun 2018 11:11
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02002

Manual Integrations
 APPROVED

Sohil
 6/11/2018 3:59:30 PM

Quant Time: Jun 11 02:12:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 09 02:29:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	96162	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	482726	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	311380	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.68	188	755324	20.00	ng/ul	0.00
77) Chrysene-d12	21.79	240	906237	20.00	ng/ul	0.00
85) Perylene-d12	24.20	264	1015443	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	15925m	8.05	ng/uL	0.00
5) Phenol-d5	7.49	99	169549	19.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	106137	20.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.86	132	138361	20.73	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	149351	19.86	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	68355	21.06	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	75732	21.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	153253	21.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	207303	25.73	ng/ul	0.00
43) Dimethylphthalate-d6	14.36	166	520747	20.20	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	579042	20.83	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	96835	19.46	ng/ul	0.00
57) Fluorene-d10	15.94	176	440276	20.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	74758	16.43	ng/ul	0.00
70) Anthracene-d10	17.78	188	706213	20.51	ng/ul	0.00
78) Pyrene-d10	20.03	212	817370	20.97	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.04	264	1056426	20.75	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.58	88	16168m	7.940	ng/uL
4) Benzaldehyde	7.47	77	107706	23.539	ng/ul
6) Phenol	7.52	94	175948	19.402	ng/ul#
8) Bis(2-Chloroethyl)ether	7.75	93	133738	19.890	ng/ul#
10) 2-Chlorophenol	7.90	128	141349	20.549	ng/ul#
11) 2-Methylphenol	8.79	108	138068	19.886	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.86	45	225880	20.077	ng/ul#
14) Acetophenone	9.18	105	233349	19.830	ng/ul#
15) N-Nitroso-di-n-propylamine	9.16	70	126866	20.377	ng/ul#
16) 4-Methylphenol	9.12	108	153002	19.767	ng/ul
17) Hexachloroethane	9.43	117	54122	19.961	ng/ul
20) Nitrobenzene	9.57	77	185102m	21.113	ng/ul
21) Isophorone	10.09	82	342690	20.445	ng/ul
23) 2-Nitrophenol	10.29	139	86142	21.399	ng/ul#
24) 2,4-Dimethylphenol	10.33	107	184474	20.713	ng/ul
25) Bis(2-Chloroethoxy)methane	10.57	93	204668	20.424	ng/ul
27) 2,4-Dichlorophenol	10.82	162	151835	21.034	ng/ul
28) Naphthalene	11.22	128	487492	20.176	ng/ul
30) 4-Chloroaniline	11.33	127	212415	25.422	ng/ul
31) Hexachlorobutadiene	11.49	225	91332	20.626	ng/ul
32) Caprolactam	12.11	113	53743	19.489	ng/ul#
33) 4-Chloro-3-methylphenol	12.43	107	178453	20.764	ng/ul
34) 2-Methylnaphthalene	12.81	142	375133	20.245	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	182382	20.294	ng/ul	96
37) Hexachlorocyclopentadiene	13.13	237	51377	14.130	ng/ul	98
38) 2,4,6-Trichlorophenol	13.41	196	126974	21.560	ng/ul	99
39) 2,4,5-Trichlorophenol	13.48	196	139625	21.503	ng/ul	98
40) 1,1'-Biphenyl	13.80	154	494904	20.364	ng/ul	98
41) 2-Chloronaphthalene	13.85	162	386365	20.552	ng/ul	97
42) 2-Nitroaniline	14.06	65	125648	21.568	ng/ul	82
44) Dimethylphthalate	14.40	163	529931	20.131	ng/ul	99
45) 2,6-Dinitrotoluene	14.54	165	103318	21.163	ng/ul#	86
47) Acenaphthylene	14.69	152	605057	20.847	ng/ul	99
48) 3-Nitroaniline	14.87	138	107107	21.579	ng/ul	89
49) Acenaphthene	15.02	153	435658	20.339	ng/ul	96
50) 2,4-Dinitrophenol	15.09	184	37590	12.872	ng/ul#	1
52) 4-Nitrophenol	15.16	109	91040	20.624	ng/ul	88
53) Dibenzofuran	15.36	168	612891	20.337	ng/ul	100
54) 2,4-Dinitrotoluene	15.32	165	159843	21.085	ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	15.57	232	123429	21.018	ng/ul#	97
56) Diethylphthalate	15.74	149	559220	20.212	ng/ul	98
58) Fluorene	16.00	166	509528	20.217	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.98	204	251469	20.043	ng/ul	96
60) 4-Nitroaniline	16.02	138	120812	20.059	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	16.08	198	81828	16.831	ng/ul#	84
64) N-Nitrosodiphenylamine	16.19	169	446554	20.521	ng/ul	99
65) 4-Bromophenyl-phenylether	16.87	248	156218	20.349	ng/ul	93
66) Hexachlorobenzene	16.99	284	180906	20.161	ng/ul	95
67) Atrazine	17.13	200	169922	21.166	ng/ul	98
68) Pentachlorophenol	17.33	266	97494	18.887	ng/ul	99
69) Phenanthrene	17.73	178	841746	20.306	ng/ul	99
71) Anthracene	17.82	178	863038	20.440	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.77	216	190380	20.899	ng/ul	100
73) Pentachlorobenzene	15.27	250	198215	20.704	ng/ul	99
74) Carbazole	18.08	167	793263	20.325	ng/ul	99
75) Di-n-butylphthalate	18.60	149	977250	20.807	ng/ul	99
76) Fluoranthene	19.70	202	1025680	20.179	ng/ul	99
79) Pvrene	20.06	202	1066170	20.972	ng/ul	99
80) Butylbenzylphthalate	20.91	149	491152	21.631	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.69	252	374712	20.257	ng/ul	98
82) Benzo(a)anthracene	21.77	228	1136815	20.689	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.65	149	714457	21.404	ng/ul	98
84) Chrysene	21.82	228	1050103	20.367	ng/ul	100
86) Di-n-octyl phthalate	22.58	149	1206336	18.877	ng/ul#	89
87) Benzo(b)fluoranthene	23.47	252	1213922	20.113	ng/ul	98
88) Benzo(k)fluoranthene	23.51	252	1089085	19.123	ng/ul	99
90) Benzo(a)pyrene	24.10	252	1183962	20.531	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	26.70	276	1436548	19.886	ng/ul	97
92) Dibenzo(a,h)anthracene	26.70	278	1205948	19.784	ng/ul	98
93) Benzo(g,h,i)perylene	27.46	276	1158732	19.460	ng/ul	97

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

