

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
 Data File : BM018183.D
 Acq On : 15 Dec 2018 00:22
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02062

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:17:26 PM

Quant Time: Dec 15 03:46:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 15 02:53:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	133436	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	615229	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.16	164	350856	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.92	188	780224	20.00	ng/ul	0.00
77) Chrysene-d12	21.14	240	811731	20.00	ng/ul	0.00
85) Perylene-d12	23.29	264	661314	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	21026	7.52	ng/uL	0.00
5) Phenol-d5	6.70	99	244029	19.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	140881	20.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	200748	19.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	205317	19.74	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	97599	19.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	111902	18.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	212614	20.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	193112	21.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.59	166	639132	20.59	ng/ul	0.00
46) Acenaphthylene-d8	13.85	160	797610	21.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.41	143	103399	18.46	ng/ul	0.00
57) Fluorene-d10	15.16	176	515934	20.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.32	200	94330	15.87	ng/ul	0.00
70) Anthracene-d10	17.02	188	797219	20.22	ng/ul	0.00
78) Pyrene-d10	19.33	212	865368	22.23	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.16	264	747426	20.40	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.13	88	23413	7.603	ng/uL 95
4) Benzaldehyde	6.67	77	46621m	20.599	ng/ul
6) Phenol	6.73	94	240419	19.065	ng/ul 100
8) Bis(2-Chloroethyl)ether	6.95	93	179748	19.408	ng/ul 97
10) 2-Chlorophenol	7.07	128	194918	19.493	ng/ul 99
11) 2-Methylphenol	7.96	108	192614	19.574	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.03	45	168115	19.220	ng/ul# 93
14) Acetophenone	8.33	105	314051	19.985	ng/ul 92
15) N-Nitroso-di-n-propylamine	8.32	70	164066	20.387	ng/ul 98
16) 4-Methylphenol	8.29	108	210295	19.651	ng/ul 99
17) Hexachloroethane	8.56	117	79749	20.145	ng/ul 95
20) Nitrobenzene	8.70	77	238908	20.898	ng/ul 98
21) Isophorone	9.22	82	443554	19.305	ng/ul 97
23) 2-Nitrophenol	9.40	139	121225	19.782	ng/ul 94
24) 2,4-Dimethylphenol	9.47	107	242442	19.934	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.71	93	269278	19.949	ng/ul 98
27) 2,4-Dichlorophenol	9.93	162	201683	20.119	ng/ul 99
28) Naphthalene	10.32	128	654135	19.761	ng/ul 98
30) 4-Chloroaniline	10.45	127	199424	21.406	ng/ul 95
31) Hexachlorobutadiene	10.59	225	125723	19.560	ng/ul 99
32) Caprolactam	11.24	113	64657m	16.699	ng/ul
33) 4-Chloro-3-methylphenol	11.59	107	214153	18.637	ng/ul 98
34) 2-Methylnaphthalene	11.94	142	458699	18.676	ng/ul 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.32	216	238177	21.003	ng/ul	99
37) Hexachlorocyclopentadiene	12.29	237	115788	20.234	ng/ul	97
38) 2,4,6-Trichlorophenol	12.58	196	164276	21.174	ng/ul	98
39) 2,4,5-Trichlorophenol	12.66	196	176891	21.282	ng/ul	96
40) 1,1'-Biphenyl	12.98	154	611257	20.733	ng/ul	99
41) 2-Chloronaphthalene	13.02	162	473224	20.595	ng/ul	97
42) 2-Nitroaniline	13.25	65	129876	20.058	ng/ul	95
44) Dimethylphthalate	13.63	163	613475	20.760	ng/ul	99
45) 2,6-Dinitrotoluene	13.76	165	129554	20.718	ng/ul	97
47) Acenaphthylene	13.88	152	741981	20.721	ng/ul	100
48) 3-Nitroaniline	14.10	138	122805	20.621	ng/ul	85
49) Acenaphthene	14.23	153	497628	19.730	ng/ul	99
50) 2,4-Dinitrophenol	14.32	184	89806	21.572	ng/ul	93
52) 4-Nitrophenol	14.42	109	81509	18.290	ng/ul	94
53) Dibenzofuran	14.56	168	694839	19.927	ng/ul	100
54) 2,4-Dinitrotoluene	14.56	165	182207	19.681	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.80	232	153734	20.365	ng/ul	93
56) Diethylphthalate	15.01	149	623914	20.397	ng/ul	99
58) Fluorene	15.22	166	581608	20.074	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.22	204	295576	20.251	ng/ul	98
60) 4-Nitroaniline	15.27	138	121271	18.503	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.33	198	94920	15.648	ng/ul#	95
64) N-Nitrosodiphenylamine	15.44	169	518534	20.307	ng/ul	100
65) 4-Bromophenyl-phenylether	16.12	248	193736	21.004	ng/ul	98
66) Hexachlorobenzene	16.22	284	215497	21.214	ng/ul	98
67) Atrazine	16.41	200	179950	19.277	ng/ul	98
68) Pentachlorophenol	16.58	266	112869	18.764	ng/ul	97
69) Phenanthrene	16.96	178	900039	19.761	ng/ul	99
71) Anthracene	17.06	178	941561	20.087	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.94	216	242943	21.746	ng/uL	99
73) Pentachlorobenzene	14.48	250	238516	20.502	ng/uL	95
74) Carbazole	17.34	167	856742	20.086	ng/ul	99
75) Di-n-butylphthalate	17.90	149	1045755	19.594	ng/ul	99
76) Fluoranthene	18.99	202	1084829	20.534	ng/ul	98
79) Pvrene	19.36	202	1091229	22.470	ng/ul	100
80) Butylbenzylphthalate	20.28	149	506120	21.791	ng/ul	88
81) 3,3'-Dichlorobenzidine	21.07	252	295730	15.854	ng/ul	99
82) Benzo(a)anthracene	21.12	228	1016012	19.777	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.06	149	707653	20.727	ng/ul	99
84) Chrysene	21.17	228	954066	19.902	ng/ul	99
86) Di-n-octyl phthalate	21.93	149	1161109	23.884	ng/ul	100
87) Benzo(b)fluoranthene	22.66	252	842692	21.382	ng/ul	100
88) Benzo(k)fluoranthene	22.70	252	855740	21.819	ng/ul	99
90) Benzo(a)pyrene	23.20	252	787704	20.264	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.43	276	811442	18.395	ng/ul	99
92) Dibenzo(a,h)anthracene	25.44	278	700249	18.683	ng/ul	97
93) Benzo(g,h,i)perylene	26.08	276	661773	18.000	ng/ul	99

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

