

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081018\
 Data File : BN002301.D
 Acq On : 10 Aug 2018 23:44
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02034

Quant Time: Aug 11 00:36:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 11 00:34:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	245638	20.00	ng/ul	0.01
18) Naphthalene-d8	10.46	136	1055934	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	545349	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1012097	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	888116	20.00	ng/ul	-0.01
85) Perylene-d12	23.48	264	924786	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	43670	8.02	ng/uL	0.00
5) Phenol-d5	6.86	99	402492	17.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	260455	18.48	ng/ul	0.01
9) 2-Chlorophenol-d4	7.22	132	328409	17.97	ng/ul	0.01
13) 4-Methylphenol-d8	8.39	113	306283	16.44	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	163995	18.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	175121	17.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	317084	17.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	410975	19.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	830852	17.97	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1096536	19.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	115449	13.07	ng/ul	0.00
57) Fluorene-d10	15.31	176	701022	17.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	112071	17.00	ng/ul	0.00
70) Anthracene-d10	17.16	188	940040	19.05	ng/ul	0.00
78) Pyrene-d10	19.46	212	887728	19.23	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	936418	18.75	ng/ul	-0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.28	88	43168	7.900	ng/uL 91
4) Benzaldehyde	6.83	77	274605	20.014	ng/ul 93
6) Phenol	6.89	94	406261	17.489	ng/ul 92
8) Bis(2-Chloroethyl)ether	7.12	93	324129	18.299	ng/ul# 84
10) 2-Chlorophenol	7.25	128	329395	18.074	ng/ul# 89
11) 2-Methylphenol	8.13	108	302766	16.946	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.21	45	543515	18.666	ng/ul# 85
14) Acetophenone	8.50	105	514096	18.179	ng/ul# 90
15) N-Nitroso-di-n-propylamine	8.49	70	265215	17.115	ng/ul# 83
16) 4-Methylphenol	8.45	108	331026	17.076	ng/ul 99
17) Hexachloroethane	8.75	117	137080	19.030	ng/ul 99
20) Nitrobenzene	8.88	77	403288	20.029	ng/ul 95
21) Isophorone	9.39	82	703828	17.470	ng/ul 97
23) 2-Nitrophenol	9.58	139	184933	18.255	ng/ul# 88
24) 2,4-Dimethylphenol	9.65	107	367740	18.131	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.88	93	433277	17.865	ng/ul 99
27) 2,4-Dichlorophenol	10.11	162	306474	17.829	ng/ul 98
28) Naphthalene	10.50	128	1060337	19.007	ng/ul 100
30) 4-Chloroaniline	10.62	127	408039	20.180	ng/ul 99
31) Hexachlorobutadiene	10.79	225	201393	19.770	ng/ul 98
32) Caprolactam	11.38	113	80244	12.560	ng/ul# 55
33) 4-Chloro-3-methylphenol	11.75	107	306707	15.863	ng/ul 100
34) 2-Methylnaphthalene	12.12	142	731196	17.970	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	363567	20.560	ng/ul	99
37) Hexachlorocyclopentadiene	12.47	237	209056	18.638	ng/ul	98
38) 2,4,6-Trichlorophenol	12.74	196	222054	18.268	ng/ul	99
39) 2,4,5-Trichlorophenol	12.82	196	222154	17.302	ng/ul	97
40) 1,1'-Biphenyl	13.15	154	912425	20.104	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	708826	20.086	ng/ul	96
42) 2-Nitroaniline	13.39	65	204322	18.008	ng/ul#	81
44) Dimethylphthalate	13.77	163	822960	18.175	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	164732	17.214	ng/ul	97
47) Acenaphthylene	14.03	152	1068767	19.359	ng/ul	100
48) 3-Nitroaniline	14.23	138	160851	17.052	ng/ul	91
49) Acenaphthene	14.38	153	729926	19.156	ng/ul	98
50) 2,4-Dinitrophenol	14.44	184	64410	11.442	ng/ul#	1
52) 4-Nitrophenol	14.55	109	92229	14.942	ng/ul#	85
53) Dibenzofuran	14.72	168	998787	18.552	ng/ul	99
54) 2,4-Dinitrotoluene	14.69	165	224071	16.144	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	14.95	232	178114	15.798	ng/ul	98
56) Diethylphthalate	15.15	149	788075	17.141	ng/ul	99
58) Fluorene	15.37	166	782155	18.197	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.36	204	394986	18.502	ng/ul	94
60) 4-Nitroaniline	15.39	138	159413	14.597	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.46	198	117932	17.279	ng/ul#	95
64) N-Nitrosodiphenylamine	15.58	169	643868	20.799	ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	224215	20.133	ng/ul	94
66) Hexachlorobenzene	16.37	284	242868	19.707	ng/ul	92
67) Atrazine	16.53	200	207445	18.571	ng/ul	99
68) Pentachlorophenol	16.72	266	106818	15.237	ng/ul	100
69) Phenanthrene	17.10	178	1112714	19.577	ng/ul	99
71) Anthracene	17.20	178	1135803	19.621	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	371483	24.616	ng/uL	99
73) Pentachlorobenzene	14.64	250	314596	22.286	ng/uL	98
74) Carbazole	17.47	167	925999	18.911	ng/ul	99
75) Di-n-butylphthalate	18.04	149	1135040	17.531	ng/ul	99
76) Fluoranthene	19.13	202	1120279	18.573	ng/ul	99
79) Pyrene	19.49	202	1136343	19.940	ng/ul	100
80) Butylbenzylphthalate	20.40	149	444587	16.425	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.18	252	338701	17.986	ng/ul	99
82) Benzo(a)anthracene	21.25	228	1061812	18.770	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.18	149	658063	17.170	ng/ul	100
84) Chrysene	21.30	228	1009431	19.146	ng/ul	99
86) Di-n-octyl phthalate	22.06	149	1075615	17.709	ng/ul#	91
87) Benzo(b)fluoranthene	22.82	252	1059104	18.607	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	1051071	19.438	ng/ul	99
90) Benzo(a)pyrene	23.39	252	1039143	19.214	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.70	276	1233647	19.733	ng/ul	97
92) Dibenzo(a,h)anthracene	25.72	278	1023927	19.570	ng/ul	99
93) Benzo(g,h,i)perylene	26.39	276	1025293	19.517	ng/ul	97

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

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