

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030921\
 Data File : BN013886.D
 Acq On : 09 Mar 2021 11:28
 Operator : CG/JU
 Sample : M1534-05
 Misc : SOM-MDL-W--05
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-05

Quant Time: Mar 09 11:58:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 09 09:50:00 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	142570	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	597069	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	357786	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	726483	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	719855	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	721293	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	15409	4.29	ng/uL	0.00
5) Phenol-d5	6.88	99	368146	31.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	249165	35.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	299060	33.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	281428	32.23	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	137201	34.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	129715	33.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	264600	31.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	392348	38.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	804669	33.49	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	1049960	33.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	126194	28.00	ng/ul	0.00
58) Fluorene-d10	15.35	176	714491	33.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	85707	25.38	ng/ul	0.00
71) Anthracene-d10	17.19	188	1078754	33.98	ng/ul	0.00
79) Pyrene-d10	19.48	212	1173223	33.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	1239078	34.51	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.25	88	3006	0.825	ng/uL# 74
4) Benzaldehyde	6.86	77	25069	4.320	ng/ul 95
6) Phenol	6.91	94	41246	3.338	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.15	93	33076	3.422	ng/ul 98
10) 2-Chlorophenol	7.28	128	32230	3.431	ng/ul 99
11) 2-Methylphenol	8.15	108	25589	2.870	ng/ul 94
12) 2,2'-oxybis(1-Chloropropan	8.25	45	49915	3.382	ng/ul 98
14) Acetophenone	8.53	105	47754	3.319	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.52	70	21133	2.960	ng/ul 98
16) 4-Methylphenol	8.47	108	31065	3.211	ng/ul 96
17) Hexachloroethane	8.79	117	12696	3.186	ng/ul 97
20) Nitrobenzene	8.90	77	37142	3.398	ng/ul 95
21) Isophorone	9.43	82	53409	2.787	ng/ul 99
23) 2-Nitrophenol	9.62	139	15128	3.388	ng/ul 96
24) 2,4-Dimethylphenol	9.67	107	32956	3.134	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.92	93	41258	3.225	ng/ul 99
27) 2,4-Dichlorophenol	10.15	162	28362	3.306	ng/ul 92
28) Naphthalene	10.55	128	106231	3.432	ng/ul 99
30) 4-Chloroaniline	10.66	127	41705	3.888	ng/ul 95
31) Hexachlorobutadiene	10.83	225	18688	3.421	ng/ul 95
32) Caprolactam	11.42	113	4938	1.902	ng/ul 96
33) 4-Chloro-3-methylphenol	11.77	107	24135	2.760	ng/ul 97
34) 2-Methylnaphthalene	12.16	142	71556	3.384	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.38	142	68957	3.383	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	35323	3.279	ng/ul	99
38) Hexachlorocyclopentadiene	12.52	237	18037	2.812	ng/ul	99
39) 2,4,6-Trichlorophenol	12.77	196	15295	2.460	ng/ul	97
40) 2,4,5-Trichlorophenol	12.84	196	18149	2.661	ng/ul	97
41) 1,1'-Biphenyl	13.18	154	91571	3.404	ng/ul	99
42) 2-Chloronaphthalene	13.22	162	70992	3.375	ng/ul	96
43) 2-Nitroaniline	13.42	65	12980	2.380	ng/ul	94
45) Dimethylphthalate	13.81	163	83715	3.368	ng/ul	100
46) 2,6-Dinitrotoluene	13.92	165	10783	2.420	ng/ul#	94
48) Acenaphthylene	14.07	152	104489	3.392	ng/ul	99
49) 3-Nitroaniline	14.25	138	11400	2.353	ng/ul#	89
50) Acenaphthene	14.42	153	76151	3.389	ng/ul	100
51) 2,4-Dinitrophenol	14.46	184	3967	1.692	ng/ul	95
53) 4-Nitrophenol	14.55	109	10922	3.009	ng/ul#	85
54) Dibenzofuran	14.75	168	106794	3.447	ng/ul	100
55) 2,4-Dinitrotoluene	14.71	165	18045	2.835	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.97	232	12915	2.453	ng/ul#	96
57) Diethylphthalate	15.17	149	74496	2.998	ng/ul	99
59) Fluorene	15.40	166	85338	3.385	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.40	204	41993	3.472	ng/ul	92
61) 4-Nitroaniline	15.41	138	12844	2.314	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.47	198	10455	2.939	ng/ul#	79
65) N-Nitrosodiphenylamine	15.61	169	67338	3.219	ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	22381	3.216	ng/ul	93
67) Hexachlorobenzene	16.40	284	26394	3.175	ng/ul	95
68) Atrazine	16.56	200	16758	2.318	ng/ul	96
69) Pentachlorophenol	16.74	266	8058	1.840	ng/ul	92
70) Phenanthrene	17.13	178	134560	3.419	ng/ul	98
72) Anthracene	17.23	178	135498	3.386	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	36643	3.444	ng/uL	99
74) Pentachlorobenzene	14.67	250	32167	3.210	ng/uL	96
75) Carbazole	17.49	167	106248	2.976	ng/ul	99
76) Di-n-butylphthalate	18.07	149	94556	2.367	ng/ul	100
77) Fluoranthene	19.15	202	135206	3.107	ng/ul#	95
80) Pvrene	19.51	202	155325	3.351	ng/ul	97
81) Butylbenzylphthalate	20.42	149	30973	1.941	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.19	252	28628	2.119	ng/ul#	94
83) Benzo(a)anthracene	21.25	228	135488	3.058	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.19	149	48228	1.806	ng/ul	98
85) Chrysene	21.30	228	145765	3.380	ng/ul	97
87) Di-n-octyl phthalate	22.07	149	76481	1.697	ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	137190	3.131	ng/ul	97
89) Benzo(k)fluoranthene	22.87	252	136459	3.104	ng/ul	99
91) Benzo(a)pyrene	23.40	252	131314	3.306	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.73	276	156006	3.143	ng/ul	97
93) Dibenzo(a,h)anthracene	25.73	278	127473	3.012	ng/ul	99
94) Benzo(a,h,i)perylene	26.41	276	125964	3.021	ng/ul	94

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

