Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030421\
Data File : BN013838.D
Acq On : 04 Mar 2021 18:21
Operator : CG/JU
Sample : M1534-03
Misc : SOM-MDL-W-03
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-03

Quant Time: Mar 05 00:19:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 04 14:09:31 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	152286	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	628267	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	368393	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	785415	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	780035	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	777760	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	16514	4.31	ng/uL	0.00
5) Phenol-d5	6.89	99	398261	32.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	265946	34.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	322220	34.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	305663	32.77	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	148400	35.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	139867	34.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	284492	32.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	409924	37.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	867734	35.08	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1093097	33.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	139737	30.12	ng/ul	0.00
58) Fluorene-d10	15.35	176	737809	33.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	94590	25.91	ng/ul	0.00
71) Anthracene-d10	17.20	188	1156794	33.70	ng/ul	0.00
79) Pyrene-d10	19.49	212	1248109	32.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	1331833	34.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	3123	0.802	ng/uL#	87
4) Benzaldehyde	6.87	77	28477	4.594	ng/ul	99
6) Phenol	6.91	94	43732	3.313	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.15	93	35040	3.394	ng/ul	99
10) 2-Chlorophenol	7.29	128	35168	3.505	ng/ul	96
11) 2-Methylphenol	8.16	108	28168	2.958	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.25	45	53294	3.381	ng/ul#	95
14) Acetophenone	8.54	105	50372	3.278	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	23512	3.083	ng/ul	98
16) 4-Methylphenol	8.48	108	34157	3.306	ng/ul	95
17) Hexachloroethane	8.80	117	14129	3.320	ng/ul	97
20) Nitrobenzene	8.91	77	38813	3.375	ng/ul	98
21) Isophorone	9.43	82	59367	2.944	ng/ul	99
23) 2-Nitrophenol	9.62	139	16106	3.428	ng/ul	95
24) 2,4-Dimethylphenol	9.68	107	35051	3.168	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.92	93	43995	3.268	ng/ul	99
27) 2,4-Dichlorophenol	10.15	162	30103	3.334	ng/ul#	84
28) Naphthalene	10.55	128	112729	3.461	ng/ul	99
30) 4-Chloroaniline	10.66	127	43519	3.856	ng/ul	98
31) Hexachlorobutadiene	10.84	225	19571	3.404	ng/ul	96
32) Caprolactam	11.43	113	5692	2.083	ng/ul	91
33) 4-Chloro-3-methylphenol	11.79	107	25854	2.810	ng/ul	97
34) 2-Methylnaphthalene	12.17	142	74517	3.349	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.39	142	71993	3.357 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	37433	3.375 ng/ul	98
38) Hexachlorocyclopentadiene	12.52	237	18821	2.850 ng/ul	89
39) 2,4,6-Trichlorophenol	12.78	196	17124	2.675 ng/ul	96
40) 2,4,5-Trichlorophenol	12.85	196	19446	2.769 ng/ul	98
41) 1,1'-Biphenyl	13.19	154	95526	3.448 ng/ul	99
42) 2-Chloronaphthalene	13.23	162	71999	3.325 ng/ul	98
43) 2-Nitroaniline	13.43	65	14103	2.512 ng/ul	96
45) Dimethylphthalate	13.82	163	89123	3.482 ng/ul	99
46) 2,6-Dinitrotoluene	13.93	165	12048	2.627 ng/ul	95
48) Acenaphthylene	14.08	152	110223	3.475 ng/ul	99
49) 3-Nitroaniline	14.26	138	13621	2.731 ng/ul	95
50) Acenaphthene	14.42	153	78937	3.411 ng/ul	95
51) 2,4-Dinitrophenol	14.46	184	4240	1.756 ng/ul	95
53) 4-Nitrophenol	14.56	109	12476	3.338 ng/ul#	87
54) Dibenzofuran	14.76	168	112182	3.517 ng/ul	99
55) 2,4-Dinitrotoluene	14.72	165	18345	2.799 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.98	232	15178	2.800 ng/ul#	97
57) Diethylphthalate	15.19	149	81924	3.202 ng/ul	99
59) Fluorene	15.40	166	89464	3.447 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.40	204	44369	3.563 ng/ul	96
61) 4-Nitroaniline	15.42	138	14955	2.617 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.47	198	11082	2.882 ng/ul#	58
65) N-Nitrosodiphenylamine	15.62	169	73771	3.261 ng/ul	95
66) 4-Bromophenyl-phenylether	16.30	248	23672	3.146 ng/ul	92
67) Hexachlorobenzene	16.40	284	28943	3.221 ng/ul	91
68) Atrazine	16.57	200	19463	2.490 ng/ul	96
69) Pentachlorophenol	16.75	266	9632	2.034 ng/ul	93
70) Phenanthrene	17.14	178	143070	3.362 ng/ul	98
72) Anthracene	17.23	178	148708	3.438 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	37971	3.301 ng/uL	97
74) Pentachlorobenzene	14.67	250	34166	3.153 ng/uL	93
75) Carbazole	17.50	167	118085	3.060 ng/ul	99
76) Di-n-butylphthalate	18.07	149	113289	2.623 ng/ul	100
77) Fluoranthene	19.16	202	149810	3.184 ng/ul	97
80) Pyrene	19.52	202	175237	3.489 ng/ul	96
81) Butylbenzylphthalate	20.43	149	37708	2.181 ng/ul#	94
82) 3,3'-Dichlorobenzidine	21.20	252	40770	2.785 ng/ul#	93
83) Benzo(a)anthracene	21.26	228	158610	3.304 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.20	149	78408	2.710 ng/ul	99
85) Chrysene	21.32	228	159920	3.422 ng/ul	99
87) Di-n-octyl phthalate	22.09	149	102199	2.103 ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	152682	3.231 ng/ul	96
89) Benzo(k)fluoranthene	22.88	252	153762	3.244 ng/ul	97
91) Benzo(a)pyrene	23.42	252	141705	3.309 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.75	276	172381	3.221 ng/ul	99
93) Dibenzo(a,h)anthracene	25.76	278	142550	3.124 ng/ul	97
94) Benzo(g,h,i)perylene	26.44	276	142301	3.166 ng/ul	94

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

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