Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030421\
Data File : BN013836.D
Acq On : 04 Mar 2021 17:08
Operator : CG/JU
Sample : M1534-01
Misc : SOM-MDL-W-01
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-01

Quant Time: Mar 04 17:38:39 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	161956	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	657976	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	396680	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	836232	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	840455	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	859917	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	16140	3.96	ng/uL	0.00
5) Phenol-d5	6.89	99	381097	29.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	252260	31.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	306838	30.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	286695	28.90	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	141538	32.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	136023	32.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	267448	29.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	393234	34.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	833295	31.28	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1065763	30.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	138836	27.79	ng/ul	0.00
58) Fluorene-d10	15.35	176	741335	31.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	91699	23.59	ng/ul	0.00
71) Anthracene-d10	17.20	188	1112457	30.44	ng/ul	0.00
79) Pyrene-d10	19.49	212	1207124	29.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	1295186	30.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	3565	0.861	ng/uL#	87
4) Benzaldehyde	6.86	77	31862	4.833	ng/ul	94
6) Phenol	6.91	94	47267	3.367	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.15	93	38634	3.519	ng/ul	99
10) 2-Chlorophenol	7.29	128	37379	3.503	ng/ul	98
11) 2-Methylphenol	8.16	108	31732	3.133	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.25	45	58163	3.469	ng/ul	97
14) Acetophenone	8.54	105	56832	3.477	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	25766	3.177	ng/ul	92
16) 4-Methylphenol	8.48	108	36903	3.358	ng/ul	98
17) Hexachloroethane	8.79	117	15287	3.377	ng/ul	91
20) Nitrobenzene	8.92	77	42965	3.567	ng/ul	97
21) Isophorone	9.43	82	66308	3.140	ng/ul	98
23) 2-Nitrophenol	9.62	139	17799	3.617	ng/ul	96
24) 2,4-Dimethylphenol	9.68	107	39133	3.377	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.92	93	49112	3.483	ng/ul	100
27) 2,4-Dichlorophenol	10.15	162	33549	3.548	ng/ul	94
28) Naphthalene	10.56	128	124354	3.646	ng/ul	99
30) 4-Chloroaniline	10.66	127	49294	4.170	ng/ul	96
31) Hexachlorobutadiene	10.85	225	22188	3.685	ng/ul	97
32) Caprolactam	11.43	113	6652	2.325	ng/ul	91
33) 4-Chloro-3-methylphenol	11.78	107	29119	3.022	ng/ul	99
34) 2-Methylnaphthalene	12.17	142	82449	3.538	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.39	142	80281	3.574 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	41219	3.451 ng/ul	96
38) Hexachlorocyclopentadiene	12.52	237	20907	2.940 ng/ul	99
39) 2,4,6-Trichlorophenol	12.78	196	19357	2.808 ng/ul	96
40) 2,4,5-Trichlorophenol	12.85	196	23019	3.044 ng/ul	93
41) 1,1'-Biphenyl	13.19	154	105652	3.542 ng/ul	98
42) 2-Chloronaphthalene	13.23	162	81751	3.506 ng/ul	98
43) 2-Nitroaniline	13.43	65	16417	2.715 ng/ul	94
45) Dimethylphthalate	13.82	163	99960	3.627 ng/ul	99
46) 2,6-Dinitrotoluene	13.93	165	13573	2.748 ng/ul	98
48) Acenaphthylene	14.08	152	122793	3.595 ng/ul	99
49) 3-Nitroaniline	14.26	138	15819	2.945 ng/ul	94
50) Acenaphthene	14.42	153	88661	3.558 ng/ul	96
51) 2,4-Dinitrophenol	14.46	184	5373	2.066 ng/ul	95
53) 4-Nitrophenol	14.56	109	13595	3.378 ng/ul	84
54) Dibenzofuran	14.76	168	124824	3.634 ng/ul	98
55) 2,4-Dinitrotoluene	14.72	165	21659	3.069 ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	14.98	232	17081	2.926 ng/ul#	97
57) Diethylphthalate	15.19	149	94356	3.425 ng/ul	99
59) Fluorene	15.40	166	101079	3.617 ng/ul	95
60) 4-Chlorophenyl-phenylether	15.40	204	48884	3.646 ng/ul	91
61) 4-Nitroaniline	15.42	138	16947	2.754 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.48	198	12420	3.033 ng/ul#	93
65) N-Nitrosodiphenylamine	15.62	169	80036	3.323 ng/ul	97
66) 4-Bromophenyl-phenylether	16.30	248	26597	3.320 ng/ul	91
67) Hexachlorobenzene	16.40	284	31613	3.304 ng/ul	96
68) Atrazine	16.57	200	22600	2.716 ng/ul	90
69) Pentachlorophenol	16.75	266	11063	2.194 ng/ul	99
70) Phenanthrene	17.15	178	160021	3.532 ng/ul	98
72) Anthracene	17.23	178	162112	3.520 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	41549	3.393 ng/uL	100
74) Pentachlorobenzene	14.67	250	38716	3.356 ng/uL	97
75) Carbazole	17.50	167	134610	3.276 ng/ul	99
76) Di-n-butylphthalate	18.07	149	131579	2.862 ng/ul	100
77) Fluoranthene	19.16	202	169697	3.387 ng/ul	98
80) Pyrene	19.52	202	191784	3.544 ng/ul	98
81) Butylbenzylphthalate	20.43	149	48145	2.584 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.20	252	48674	3.086 ng/ul	97
83) Benzo(a)anthracene	21.26	228	173816	3.360 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.21	149	92985	2.983 ng/ul	98
85) Chrysene	21.32	228	178069	3.537 ng/ul	99
87) Di-n-octyl phthalate	22.09	149	122287	2.276 ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	173238	3.316 ng/ul	99
89) Benzo(k)fluoranthene	22.88	252	172759	3.296 ng/ul	95
91) Benzo(a)pyrene	23.42	252	163345	3.450 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.75	276	192494	3.253 ng/ul	98
93) Dibenzo(a,h)anthracene	25.76	278	159138	3.154 ng/ul	100
94) Benzo(g,h,i)perylene	26.43	276	158622	3.191 ng/ul	97

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

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