Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030921\
Data File : BN013885.D
Acq On : 09 Mar 2021 10:52
Operator : CG/JU
Sample : M1534-04
Misc : SOM-MDL-W--04
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-04

Quant Time: Mar 09 11:23:08 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	141226	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	593131	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	354284	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	724095	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	693189	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	677697	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	15196	4.27	ng/uL	0.00
5) Phenol-d5	6.88	99	380197	33.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	257368	36.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	307154	35.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	290992	33.64	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	140717	35.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	135119	35.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	271573	32.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	400943	39.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	832447	34.99	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1089964	34.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	130555	29.26	ng/ul	0.00
58) Fluorene-d10	15.35	176	743168	35.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	90597	26.92	ng/ul	0.00
71) Anthracene-d10	17.19	188	1118109	35.33	ng/ul	0.00
79) Pyrene-d10	19.48	212	1197964	35.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	1276703	37.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	3122	0.865	ng/uL#	76
4) Benzaldehyde	6.86	77	28093	4.887	ng/ul	98
6) Phenol	6.91	94	45849	3.745	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.15	93	36339	3.796	ng/ul	98
10) 2-Chlorophenol	7.28	128	35738	3.841	ng/ul	97
11) 2-Methylphenol	8.15	108	28846	3.266	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.25	45	54976	3.761	ng/ul	98
14) Acetophenone	8.53	105	53125	3.728	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	24229	3.426	ng/ul	96
16) 4-Methylphenol	8.48	108	35267	3.681	ng/ul	100
17) Hexachloroethane	8.79	117	13921	3.527	ng/ul	100
20) Nitrobenzene	8.91	77	40117	3.695	ng/ul	98
21) Isophorone	9.43	82	59273	3.113	ng/ul	98
23) 2-Nitrophenol	9.62	139	16258	3.665	ng/ul	99
24) 2,4-Dimethylphenol	9.68	107	37341	3.575	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.92	93	46333	3.645	ng/ul	97
27) 2,4-Dichlorophenol	10.15	162	31859	3.738	ng/ul	97
28) Naphthalene	10.55	128	118535	3.855	ng/ul	100
30) 4-Chloroaniline	10.65	127	47003	4.411	ng/ul	97
31) Hexachlorobutadiene	10.84	225	20471	3.772	ng/ul	96
32) Caprolactam	11.42	113	5446	2.111	ng/ul	94
33) 4-Chloro-3-methylphenol	11.78	107	26575	3.059	ng/ul	99
34) 2-Methylnaphthalene	12.16	142	79326	3.776	ng/ul	95

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.38	142	77089	3.807 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	39337	3.688 ng/ul	97
38) Hexachlorocyclopentadiene	12.52	237	19284	3.036 ng/ul	90
39) 2,4,6-Trichlorophenol	12.78	196	17554	2.851 ng/ul	100
40) 2,4,5-Trichlorophenol	12.84	196	20924	3.098 ng/ul	93
41) 1,1'-Biphenyl	13.18	154	102096	3.832 ng/ul	98
42) 2-Chloronaphthalene	13.22	162	78617	3.775 ng/ul	99
43) 2-Nitroaniline	13.42	65	14106	2.612 ng/ul	96
45) Dimethylphthalate	13.81	163	92622	3.763 ng/ul	98
46) 2,6-Dinitrotoluene	13.93	165	12085	2.740 ng/ul	98
48) Acenaphthylene	14.07	152	118494	3.885 ng/ul	99
49) 3-Nitroaniline	14.25	138	13193	2.750 ng/ul	90
50) Acenaphthene	14.42	153	84286	3.788 ng/ul	98
51) 2,4-Dinitrophenol	14.46	184	4488	1.933 ng/ul	91
53) 4-Nitrophenol	14.55	109	12134	3.375 ng/ul#	84
54) Dibenzofuran	14.75	168	118110	3.850 ng/ul	97
55) 2,4-Dinitrotoluene	14.71	165	19717	3.129 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.97	232	15669	3.005 ng/ul#	95
57) Diethylphthalate	15.18	149	84890	3.451 ng/ul	100
59) Fluorene	15.40	166	95643	3.832 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.40	204	45996	3.841 ng/ul	97
61) 4-Nitroaniline	15.41	138	14676	2.671 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.47	198	11035	3.113 ng/ul#	64
65) N-Nitrosodiphenylamine	15.61	169	74867	3.590 ng/ul	96
66) 4-Bromophenyl-phenylether	16.29	248	25027	3.608 ng/ul	97
67) Hexachlorobenzene	16.40	284	30935	3.734 ng/ul	94
68) Atrazine	16.56	200	19294	2.678 ng/ul	94
69) Pentachlorophenol	16.75	266	9411	2.156 ng/ul	98
70) Phenanthrene	17.13	178	150107	3.826 ng/ul	97
72) Anthracene	17.23	178	153531	3.850 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	38797	3.659 ng/uL	92
74) Pentachlorobenzene	14.67	250	36662	3.670 ng/uL	96
75) Carbazole	17.49	167	119102	3.347 ng/ul	99
76) Di-n-butylphthalate	18.07	149	108630	2.728 ng/ul	99
77) Fluoranthene	19.15	202	152287	3.511 ng/ul	98
80) Pyrene	19.51	202	176831	3.962 ng/ul	98
81) Butylbenzylphthalate	20.42	149	35726	2.325 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.19	252	29916	2.300 ng/ul	97
83) Benzo(a)anthracene	21.25	228	156212	3.661 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.19	149	55875	2.173 ng/ul	97
85) Chrysene	21.30	228	159405	3.838 ng/ul	99
87) Di-n-octyl phthalate	22.07	149	89020	2.102 ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	148472	3.606 ng/ul	99
89) Benzo(k)fluoranthene	22.87	252	150840	3.652 ng/ul	96
91) Benzo(a)pyrene	23.40	252	148581	3.981 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.73	276	168279	3.608 ng/ul	98
93) Dibenzo(a,h)anthracene	25.74	278	144825	3.642 ng/ul	99
94) Benzo(g,h,i)perylene	26.42	276	144017	3.677 ng/ul	98

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

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