Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
Data File : VN066374.D
Acq On : 29 Mar 2021 14:14
Operator : JC/MD
Sample : M1458-09 0.5PPB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

Manual Integrations APPROVED
MMDadoda
3/30/2021 7:50:48 PM

Quant Time: Mar 30 03:10:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 30 02:59:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.582	168	241415	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.512	114	380080	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.347	117	331145	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	130164	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.949	65	129575	40.38	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 80.76%				
35) Dibromofluoromethane	7.507	113	100512	39.89	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 79.78%				
50) Toluene-d8	10.028	98	360270	37.70	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 75.40%#				
62) 4-Bromofluorobenzene	12.345	95	109274	32.92	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 65.84%#				
Target Compounds							Qvalue
3) Chloromethane	2.017	50	4165	1.17	ug/l		93
4) Vinyl Chloride	2.145	62	883	0.25	ug/l		92
5) Bromomethane	2.513	94	1181	0.51	ug/l	#	41
6) Chloroethane	2.655	64	696m	0.32	ug/l		
8) Diethyl Ether	3.344	74	404m	0.21	ug/l		
11) Tert butyl alcohol	4.707	59	157	0.32	ug/l	#	1
12) 1,1-Dichloroethene	3.655	96	670	0.24	ug/l	#	3
13) Acrolein	3.532	56	5604	17.65	ug/l		98
15) Acrylonitrile	4.868	53	1778m	1.30	ug/l		
16) Acetone	3.739	43	7691m	4.44	ug/l		
17) Carbon Disulfide	3.961	76	2697	0.33	ug/l	#	61
18) Methyl Acetate	4.240	43	2257m	0.50	ug/l		
19) Methyl tert-butyl Ether	4.927	73	2101m	0.26	ug/l		
20) Methylene Chloride	4.441	84	1337m	0.40	ug/l		
21) trans-1,2-Dichloroethene	4.929	96	577	0.23	ug/l	#	27
22) Diisopropyl ether	5.863	45	1887m	0.22	ug/l		
23) Vinyl Acetate	5.806	43	6799m	0.94	ug/l		
25) 2-Butanone	6.761	43	2731m	1.44	ug/l		
26) 2,2-Dichloropropane	6.726	77	908m	0.22	ug/l		
29) Tetrahydrofuran	7.123	42	2400m	1.94	ug/l		
31) Cyclohexane	7.582	56	5876	1.32	ug/l	#	1
37) Ethyl Acetate	6.874	43	1841m	0.47	ug/l		
41) Methacrylonitrile	7.102	41	898m	0.46	ug/l		
42) 1,2-Dichloroethane	8.043	62	961	0.25	ug/l	#	76
44) Trichloroethene	8.756	130	784	0.28	ug/l		68
48) Methyl methacrylate	9.127	41	1112m	0.35	ug/l		
49) 1,4-Dioxane	9.148	88	343	8.54	ug/l	#	33
51) 4-Methyl-2-Pentanone	9.923	43	3198	0.81	ug/l		96
58) 2-Chloroethyl Vinyl ether	9.636	63	82	0.22	ug/l	#	49
59) 2-Hexanone	10.696	43	1431	0.52	ug/l		88
68) m/p-Xylenes	11.570	106	1377m	0.30	ug/l		
79) 2-Chlorotoluene	12.621	91	1548m	0.24	ug/l		
80) 1,3,5-Trimethylbenzene	12.680	105	1633m	0.21	ug/l		
83) tert-Butylbenzene	12.940	119	1392	0.20	ug/l	#	88
88) 1,4-Dichlorobenzene	13.310	146	1083m	0.25	ug/l		
93) 1,2,4-Trichlorobenzene	14.871	180	847	0.34	ug/l	#	24

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
Data File : VN066374.D
Acq On : 29 Mar 2021 14:14
Operator : JC/MD
Sample : M1458-09 0.5PPB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

Manual Integrations APPROVED
MMDadoda
3/30/2021 7:50:48 PM

Quant Time: Mar 30 03:10:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 30 02:59:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.083	128	2919m	0.39	ug/l	
96) 1,2,3-Trichlorobenzene	15.255	180	818m	0.33	ug/l	

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
Data File : VN066374.D
Acq On : 29 Mar 2021 14:14
Operator : JC/MD
Sample : M1458-09 0.5PPB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 30 03:10:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 30 02:59:02 2021
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

Manual Integrations APPROVED
MMDadoda
3/30/2021 7:50:48 PM