Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082222\
Data File : VU050396.D
Acq On : 22 Aug 2022 12:50
Operator : SY/MD
Sample : N3734-12DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WS-TRIHALOMETHANESDL

Quant Time: Aug 23 08:26:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Aug 23 08:18:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.105	96	32375	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	8369	0.759	ug/l	0.00
Spiked Amount 1.000			Recovery = 76.000%			
68) 1,2-Dichlorobenzene-d4	12.198	152	9943	0.763	ug/l	0.00
Spiked Amount 1.000			Recovery = 76.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	20	0.001	ug/l #	42
3) Chloromethane	1.517	50	1503	0.092	ug/l	99
4) Vinyl Chloride	1.600	62	109	0.008	ug/l #	21
5) Bromomethane	1.854	94	137	0.024	ug/l #	4
6) Chloroethane	1.919	64	231	0.027	ug/l #	42
7) Trichlorofluoromethane	2.137	101	294	0.017	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	140	0.014	ug/l #	19
9) 1,1-Dichloroethene	2.578	96	146	0.015	ug/l	93
11) Allyl Chloride	2.922	41	150	0.010	ug/l	88
12) Acrylonitrile	3.353	53	39	0.014	ug/l #	55
14) Carbon Disulfide	2.800	76	3071	0.104	ug/l #	80
15) Methylene Chloride	3.060	84	1937	0.150	ug/l	93
16) trans-1,2-Dichloroethene	3.356	96	211	0.021	ug/l #	36
17) 1,1-Dichloroethane	3.874	63	232	0.011	ug/l #	83
18) 2-Butanone	4.723	43	48	0.015	ug/l	75
19) Cyclohexane	5.359	56	225	0.015	ug/l #	58
21) 2,2-Dichloropropane	4.665	77	238	0.015	ug/l #	52
22) cis-1,2-Dichloroethene	4.671	96	355	0.032	ug/l #	66
23) Diethyl Ether	2.379	59	67	0.008	ug/l #	76
25) Methyl tert-Butyl Ether	3.375	73	108	0.004	ug/l #	1
27) Chloroform	5.086	83	40161	2.019	ug/l	99
28) 1,1,1-Trichloroethane	5.304	97	339	0.020	ug/l #	54
29) 1,1-Dichloropropene	5.504	75	573	0.042	ug/l #	61
30) Carbon Tetrachloride	5.491	117	137	0.010	ug/l #	13
31) Isopropyl Ether	4.086	45	300	0.009	ug/l	98
32) Ethyl-t-butyl ether	4.536	59	20	0.001	ug/l #	35
33) Tert-Amyl methyl ether	6.095	73	330	0.020	ug/l #	33
34) Propionitrile	4.803	54	70	0.075	ug/l #	11
35) Benzene	5.755	78	1149	0.029	ug/l #	49
36) 1,2-Dichloroethane	5.780	62	377	0.031	ug/l #	75
37) Trichloroethene	6.546	130	200	0.021	ug/l	97
38) 1,2-Dichloropropane	6.822	63	70	0.007	ug/l #	43
39) Methacrylonitrile	4.986	41	152	0.040	ug/l #	45
40) Methyl acrylate	4.870	55	130	0.022	ug/l #	46
41) Tetrahydrofuran	5.031	42	68	0.036	ug/l #	1
42) 1-Chlorobutane	5.436	56	525	0.027	ug/l	86
43) Dibromomethane	6.960	93	341	0.059	ug/l #	58
44) Bromodichloromethane	7.140	83	84818	6.216	ug/l	100
45) 4-Methyl-2-Pentanone	7.838	43	977	0.168	ug/l #	68
49) Toluene	7.989	92	264	0.012	ug/l #	12
50) t-1,3-Dichloropropene	8.237	75	85	0.008	ug/l #	44
51) cis-1,3-Dichloropropene	7.639	75	44	0.004	ug/l #	37
52) 1,1,2-Trichloroethane	8.423	97	61	0.007	ug/l #	14

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) 1,3-Dichloropropane	8.600	76	104	0.008	ug/l	#	42
55) Dibromochloromethane	8.828	129	42125	4.506	ug/l		99
58) Tetrachloroethene	8.568	164	151	0.017	ug/l	#	91
59) Chlorobenzene	9.462	112	570	0.025	ug/l	#	44
61) Pentachloroethane	11.430	117	59	0.007	ug/l	#	8
67) Bromoform	10.301	173	17908	3.373	ug/l		97
70) 1,1,2,2-Tetrachloroethane	10.780	83	116	0.010	ug/l	#	25
71) 1,2,3-Trichloropropane	10.835	75	179	0.020	ug/l	#	66
72) Bromobenzene	10.790	156	133	0.013	ug/l	#	1
82) 1,3-Dichlorobenzene	11.751	146	1293	0.063	ug/l		88
83) 1,4-Dichlorobenzene	11.844	146	1383	0.068	ug/l		94
85) 1,2-Dichlorobenzene	12.221	146	1397	0.069	ug/l		87
88) Hexachlorobutadiene	14.024	225	1012	0.135	ug/l		93

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

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