Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082522\
Data File : VU050445.D
Acq On : 25 Aug 2022 15:12
Operator : SY/MD
Sample : N3980-09 0.8PPB
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

Quant Time: Aug 26 06:37:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 25 14:01:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.125	96	31275	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	10818	1.016	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.000%			
68) 1,2-Dichlorobenzene-d4	12.195	152	13765	1.094	ug/l	0.00
Spiked Amount 1.000			Recovery = 109.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	19552	1.509	ug/l	95
3) Chloromethane	1.520	50	26486	1.681	ug/l	96
4) Vinyl Chloride	1.604	62	22052	1.638	ug/l	98
5) Bromomethane	1.858	94	9680	1.757	ug/l	93
6) Chloroethane	1.935	64	13696	1.682	ug/l	95
7) Trichlorofluoromethane	2.138	101	26726	1.591	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	15714	1.672	ug/l	95
9) 1,1-Dichloroethene	2.584	96	14441	1.568	ug/l	94
10) Iodomethane	2.729	142	8354	1.100	ug/l	98
11) Allyl Chloride	2.935	41	24750	1.743	ug/l	95
12) Acrylonitrile	3.343	53	7294	2.640	ug/l	91
13) Acetone	2.642	43	11738	6.075	ug/l	99
14) Carbon Disulfide	2.800	76	41764	1.464	ug/l	99
15) Methylene Chloride	3.060	84	22046	1.769	ug/l	95
16) trans-1,2-Dichloroethene	3.369	96	16497	1.733	ug/l	90
17) 1,1-Dichloroethane	3.887	63	34930	1.762	ug/l	99
18) 2-Butanone	4.748	43	23740	7.812	ug/l	94
19) Cyclohexane	5.359	56	24410m	1.696	ug/l	
20) Methylcyclohexane	6.800	83	15171	1.338	ug/l	98
21) 2,2-Dichloropropane	4.665	77	24509	1.626	ug/l	95
22) cis-1,2-Dichloroethene	4.668	96	18255	1.695	ug/l	94
23) Diethyl Ether	2.379	59	13389	1.692	ug/l	95
24) tert-Butyl Alcohol	3.231	59	11139	11.123	ug/l #	93
25) Methyl tert-Butyl Ether	3.392	73	42000	1.717	ug/l	95
26) Bromochloromethane	4.970	128	7328	1.696	ug/l	89
27) Chloroform	5.083	83	33239	1.730	ug/l	98
28) 1,1,1-Trichloroethane	5.298	97	27739	1.692	ug/l	96
29) 1,1-Dichloropropene	5.501	75	21423	1.631	ug/l	97
30) Carbon Tetrachloride	5.498	117	21117	1.609	ug/l	99
31) Isopropyl Ether	4.028	45	60496	1.966	ug/l	95
32) Ethyl-t-butyl ether	4.530	59	43313	1.792	ug/l	98
33) Tert-Amyl methyl ether	5.961	73	25037	1.589	ug/l	96
34) Propionitrile	4.816	54	10424m	11.613	ug/l	
35) Benzene	5.761	78	63559	1.646	ug/l	99
36) 1,2-Dichloroethane	5.797	62	19744	1.675	ug/l	99
37) Trichloroethene	6.588	130	15252	1.648	ug/l	97
38) 1,2-Dichloropropane	6.835	63	16941	1.635	ug/l	96
39) Methacrylonitrile	4.990	41	6699	1.819	ug/l #	92
40) Methyl acrylate	4.874	55	12161m	2.168	ug/l	
41) Tetrahydrofuran	5.092	42	5325	2.887	ug/l #	86
42) 1-Chlorobutane	5.440	56	30804	1.647	ug/l	96
43) Dibromomethane	6.960	93	9522	1.705	ug/l	97
44) Bromodichloromethane	7.144	83	21674	1.644	ug/l #	86

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082522\
Data File : VU050445.D
Acq On : 25 Aug 2022 15:12
Operator : SY/MD
Sample : N3980-09 0.8PPB
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

Quant Time: Aug 26 06:37:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 25 14:01:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.832	43	41590	7.417 ug/l	95
46) t-1,4-Dichloro-2-butene	10.835	75	8295m	2.936 ug/l	
47) Methyl methacrylate	7.009	69	11626	3.122 ug/l	95
48) Ethyl methacrylate	8.362	69	10039	1.554 ug/l	99
49) Toluene	7.996	92	30303	1.461 ug/l	97
50) t-1,3-Dichloropropene	8.234	75	15219	1.483 ug/l	95
51) cis-1,3-Dichloropropene	7.636	75	17773	1.513 ug/l	95
52) 1,1,2-Trichloroethane	8.423	97	13668	1.665 ug/l	96
53) 1,3-Dichloropropane	8.597	76	20925	1.618 ug/l	97
54) 2-Hexanone	8.713	43	27081	6.935 ug/l	92
55) Dibromochloromethane	8.829	129	14797	1.638 ug/l	98
56) 1,2-Dibromoethane	8.944	107	11476	1.556 ug/l	99
58) Tetrachloroethene	8.571	164	14330	1.645 ug/l	93
59) Chlorobenzene	9.462	112	35601	1.590 ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.546	131	14688	1.561 ug/l	97
61) Pentachloroethane	11.430	117	11890	1.519 ug/l	94
62) Hexachloroethane	12.478	117	10398	1.597 ug/l	99
63) Ethyl Benzene	9.581	91	48704	1.584 ug/l	99
64) m/p-Xylenes	9.706	106	35901	2.973 ug/l	98
65) o-Xylene	10.108	106	18370	1.553 ug/l	98
66) Styrene	10.124	104	29644	1.534 ug/l	97
67) Bromoform	10.301	173	8128	1.585 ug/l	99
69) Isopropylbenzene	10.491	105	46905	1.569 ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.790	83	18652	1.651 ug/l	99
71) 1,2,3-Trichloropropane	10.832	75	14377m	1.692 ug/l	
72) Bromobenzene	10.790	156	14347	1.485 ug/l	97
73) n-propylbenzene	10.912	120	18611	2.009 ug/l	98
74) 2-Chlorotoluene	10.993	126	13083	1.514 ug/l	100
75) 1,3,5-Trimethylbenzene	11.092	105	41327	1.513 ug/l	97
76) 4-Chlorotoluene	11.105	126	12951	1.466 ug/l	98
77) tert-Butylbenzene	11.427	119	43057	1.593 ug/l	94
78) 1,2,4-Trimethylbenzene	11.472	105	42182	1.527 ug/l	99
79) sec-Butylbenzene	11.648	105	52919	1.530 ug/l	99
80) Nitrobenzene	13.221	77	5112	8.340 ug/l #	97
81) p-Isopropyltoluene	11.796	119	39973	1.506 ug/l	98
82) 1,3-Dichlorobenzene	11.751	146	32296	1.623 ug/l	99
83) 1,4-Dichlorobenzene	11.841	146	31410	1.588 ug/l	98
84) n-Butylbenzene	12.214	91	38432	1.536 ug/l	97
85) 1,2-Dichlorobenzene	12.218	146	31264	1.598 ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.002	75	2610	1.464 ug/l	96
87) 1,2,4-Trichlorobenzene	13.844	180	16078	1.441 ug/l	99
88) Hexachlorobutadiene	14.021	225	11319	1.558 ug/l	97
89) Naphthalene	14.092	128	29212	1.833 ug/l	98
90) 1,2,3-Trichlorobenzene	14.333	180	16511	1.581 ug/l	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082522\
Data File : VU050445.D
Acq On : 25 Aug 2022 15:12
Operator : SY/MD
Sample : N3980-09 0.8PPB
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

Quant Time: Aug 26 06:37:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 25 14:01:59 2022
Response via : Initial Calibration