Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061224\
Data File : VU059218.D
Acq On : 12 Jun 2024 12:54
Operator : MD/SY
Sample : P2403-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2024

Quant Time: Jun 13 04:35:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 13 04:35:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.113	96	43731	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	13419	0.902	ug/l	0.00
Spiked Amount 1.000			Recovery =	90.000%		
68) 1,2-Dichlorobenzene-d4	12.190	152	14173	0.910	ug/l	0.00
Spiked Amount 1.000			Recovery =	91.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	6071	0.443	ug/l	92
3) Chloromethane	1.515	50	7633	0.463	ug/l	97
4) Vinyl Chloride	1.599	62	7557	0.453	ug/l	96
5) Bromomethane	1.853	94	5177	0.511	ug/l	86
6) Chloroethane	1.930	64	4651	0.434	ug/l	96
7) Trichlorofluoromethane	2.136	101	8991	0.435	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	5430	0.511	ug/l	96
9) 1,1-Dichloroethene	2.573	96	4961	0.471	ug/l	93
10) Iodomethane	2.718	142	5715	0.430	ug/l	93
11) Allyl Chloride	2.917	41	6458	0.454	ug/l	95
12) Acrylonitrile	3.361	53	1828m	0.768	ug/l	
13) Acetone	2.657	43	7557m	2.087	ug/l	
14) Carbon Disulfide	2.788	76	15543	0.463	ug/l	98
15) Methylene Chloride	3.039	84	9574	0.663	ug/l	95
16) trans-1,2-Dichloroethene	3.348	96	5360	0.466	ug/l	98
17) 1,1-Dichloroethane	3.869	63	10271	0.427	ug/l #	90
18) 2-Butanone	4.763	43	6890m	1.715	ug/l	
19) Cyclohexane	5.380	56	6705m	0.385	ug/l	
20) Methylcyclohexane	6.756	83	7259	0.415	ug/l	98
21) 2,2-Dichloropropane	4.657	77	7521	0.423	ug/l	100
22) cis-1,2-Dichloroethene	4.666	96	5683	0.455	ug/l	93
23) Diethyl Ether	2.374	59	4205	0.426	ug/l	96
24) tert-Butyl Alcohol	3.264	59	2673m	4.219	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	10646	0.422	ug/l	100
26) Bromochloromethane	4.972	128	2310	0.438	ug/l	92
27) Chloroform	5.087	83	11168	0.462	ug/l	94
28) 1,1,1-Trichloroethane	5.309	97	8771	0.460	ug/l	96
29) 1,1-Dichloropropene	5.525	75	6849	0.428	ug/l	95
30) Carbon Tetrachloride	5.518	117	6720	0.430	ug/l #	89
31) Isopropyl Ether	3.988	45	12392	0.393	ug/l	93
32) Ethyl-t-butyl ether	4.493	59	12014	0.409	ug/l	99
33) Tert-Amyl methyl ether	5.933	73	10270	0.396	ug/l	96
34) Propionitrile	4.840	54	1793m	1.949	ug/l	
35) Benzene	5.772	78	21951	0.437	ug/l	96
36) 1,2-Dichloroethane	5.795	62	6489	0.435	ug/l	99
37) Trichloroethene	6.541	130	5682	0.473	ug/l	94
38) 1,2-Dichloropropane	6.791	63	5935	0.416	ug/l	91
39) Methacrylonitrile	5.004	41	971m	0.283	ug/l	
40) Methyl acrylate	4.917	55	1916m	0.319	ug/l	
41) Tetrahydrofuran	5.081	42	1507	0.821	ug/l #	39
42) 1-Chlorobutane	5.454	56	9264	0.419	ug/l	97
43) Dibromomethane	6.920	93	3131	0.484	ug/l	95
44) Bromodichloromethane	7.100	83	7460	0.445	ug/l #	96

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061224\
Data File : VU059218.D
Acq On : 12 Jun 2024 12:54
Operator : MD/SY
Sample : P2403-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2024

Quant Time: Jun 13 04:35:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 13 04:35:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.791	43	12619	1.821 ug/l	99
46) t-1,4-Dichloro-2-butene	10.833	75	2351m	0.799 ug/l	
47) Methyl methacrylate	6.968	69	4312	0.777 ug/l #	86
48) Ethyl methacrylate	8.338	69	3113	0.317 ug/l	99
49) Toluene	7.965	92	11512	0.416 ug/l	99
50) t-1,3-Dichloropropene	8.213	75	5501	0.384 ug/l	95
51) cis-1,3-Dichloropropene	7.608	75	7105	0.405 ug/l	98
52) 1,1,2-Trichloroethane	8.396	97	4145	0.434 ug/l	89
53) 1,3-Dichloropropane	8.573	76	7226	0.439 ug/l	100
54) 2-Hexanone	8.695	43	9424m	1.754 ug/l	
55) Dibromochloromethane	8.807	129	4662	0.451 ug/l	94
56) 1,2-Dibromoethane	8.920	107	3640	0.435 ug/l	93
58) Tetrachloroethene	8.547	164	5611	0.507 ug/l	96
59) Chlorobenzene	9.447	112	14237	0.470 ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.534	131	4739	0.437 ug/l	98
61) Pentachloroethane	11.422	117	3515	0.418 ug/l	99
62) Hexachloroethane	12.470	117	3742	0.437 ug/l	98
63) Ethyl Benzene	9.569	91	19961	0.390 ug/l	93
64) m/p-Xylenes	9.692	106	14316	0.742 ug/l	99
65) o-Xylene	10.100	106	7000	0.368 ug/l	98
66) Styrene	10.119	104	10695	0.352 ug/l	95
67) Bromoform	10.290	173	2467	0.441 ug/l #	99
69) Isopropylbenzene	10.483	105	18463	0.379 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	5295	0.441 ug/l	98
71) 1,2,3-Trichloropropane	10.823	75	3843m	0.419 ug/l	
72) Bromobenzene	10.785	156	5214	0.446 ug/l	95
73) n-propylbenzene	10.907	120	4845	0.372 ug/l	93
74) 2-Chlorotoluene	10.984	126	4627	0.389 ug/l	92
75) 1,3,5-Trimethylbenzene	11.087	105	14346	0.348 ug/l	93
76) 4-Chlorotoluene	11.100	126	4998	0.401 ug/l	92
77) tert-Butylbenzene	11.415	119	14889	0.381 ug/l	97
78) 1,2,4-Trimethylbenzene	11.467	105	14014	0.337 ug/l	97
79) sec-Butylbenzene	11.640	105	21438	0.395 ug/l	99
80) Nitrobenzene	13.241	77	622m	2.419 ug/l	
81) p-Isopropyltoluene	11.791	119	14876	0.357 ug/l	98
82) 1,3-Dichlorobenzene	11.746	146	11555	0.467 ug/l	96
83) 1,4-Dichlorobenzene	11.839	146	10772	0.435 ug/l	98
84) n-Butylbenzene	12.209	91	15105	0.385 ug/l	100
85) 1,2-Dichlorobenzene	12.212	146	10146	0.434 ug/l	95
86) 1,2-Dibromo-3-Chloropr...	13.003	75	726	0.444 ug/l #	85
87) 1,2,4-Trichlorobenzene	13.843	180	5625	0.450 ug/l	97
88) Hexachlorobutadiene	14.016	225	4068	0.521 ug/l	94
89) Naphthalene	14.090	128	9497m	0.467 ug/l	
90) 1,2,3-Trichlorobenzene	14.331	180	5545	0.488 ug/l	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061224\
Data File : VU059218.D
Acq On : 12 Jun 2024 12:54
Operator : MD/SY
Sample : P2403-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2024

Quant Time: Jun 13 04:35:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 13 04:35:23 2024
Response via : Initial Calibration