Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101923\
Data File : VU055815.D
Acq On : 19 Oct 2023 17:41
Operator : MD/SY
Sample : 04699-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2023

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

Quant Time: Oct 20 02:01:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101823DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 20 02:00:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.113	96	95830	1.000	ug/l		# 0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.631	95	35418	0.937	ug/l		0.00
Spiked Amount 1.000			Recovery =	94.000%			
68) 1,2-Dichlorobenzene-d4	12.190	152	34526	0.985	ug/l		0.00
Spiked Amount 1.000			Recovery =	99.000%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.383	85	33683	0.905	ug/l		94
3) Chloromethane	1.518	50	33471	1.052	ug/l		98
4) Vinyl Chloride	1.602	62	34071	1.045	ug/l		97
5) Bromomethane	1.856	94	20210	1.126	ug/l		96
6) Chloroethane	1.930	64	19596	1.241	ug/l		97
7) Trichlorofluoromethane	2.136	101	44718	1.040	ug/l		95
8) 1,1,2-Trichloro-1,2,2-...	2.579	101	28070	0.980	ug/l		96
9) 1,1-Dichloroethene	2.576	96	25518	0.955	ug/l		94
10) Iodomethane	2.718	142	36233	0.910	ug/l		94
11) Allyl Chloride	2.920	41	33107	0.953	ug/l		93
12) Acrylonitrile	3.332	53	9975	1.986	ug/l		97
13) Acetone	2.641	43	41038	3.830	ug/l		98
14) Carbon Disulfide	2.788	76	80348	0.921	ug/l		97
15) Methylene Chloride	3.039	84	44076	1.398	ug/l		95
16) trans-1,2-Dichloroethene	3.351	96	28327	1.000	ug/l		89
17) 1,1-Dichloroethane	3.866	63	51750	0.982	ug/l		97
18) 2-Butanone	4.721	43	40717	3.527	ug/l		98
19) Cyclohexane	5.386	56	42053m	0.936	ug/l		
20) Methylcyclohexane	6.759	83	43016	0.921	ug/l		98
21) 2,2-Dichloropropane	4.660	77	41673	0.939	ug/l		96
22) cis-1,2-Dichloroethene	4.666	96	29417	0.974	ug/l		99
23) Diethyl Ether	2.374	59	18334	1.147	ug/l		97
24) tert-Butyl Alcohol	3.239	59	17056m	10.407	ug/l		
25) Methyl tert-Butyl Ether	3.358	73	56619	0.984	ug/l		97
26) Bromochloromethane	4.972	128	12524	0.979	ug/l		98
27) Chloroform	5.087	83	53590	0.991	ug/l		98
28) 1,1,1-Trichloroethane	5.312	97	47524	0.981	ug/l		98
29) 1,1-Dichloropropene	5.525	75	36113	0.941	ug/l		98
30) Carbon Tetrachloride	5.521	117	39884	0.943	ug/l		96
31) Isopropyl Ether	3.988	45	69057	0.976	ug/l		98
32) Ethyl-t-butyl ether	4.499	59	65693	0.961	ug/l		97
33) Tert-Amyl methyl ether	5.936	73	53613	0.916	ug/l		99
34) Propionitrile	4.801	54	8579m	4.697	ug/l		
35) Benzene	5.772	78	112903	0.971	ug/l		98
36) 1,2-Dichloroethane	5.795	62	32869	1.041	ug/l		99
37) Trichloroethene	6.541	130	29615	0.979	ug/l		97
38) 1,2-Dichloropropane	6.788	63	27683	0.912	ug/l		96
39) Methacrylonitrile	4.994	41	6565	0.964	ug/l	#	93
40) Methyl acrylate	4.866	55	8736	0.796	ug/l	#	77
41) Tetrahydrofuran	5.065	42	7419	1.923	ug/l		95
42) 1-Chlorobutane	5.457	56	47124	0.921	ug/l		94
43) Dibromomethane	6.917	93	14717	1.020	ug/l		95
44) Bromodichloromethane	7.103	83	36359	0.953	ug/l	#	98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101923\
Data File : VU055815.D
Acq On : 19 Oct 2023 17:41
Operator : MD/SY
Sample : 04699-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 20 02:01:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101823DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 20 02:00:35 2023
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2023

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45)	4-Methyl-2-Pentanone	7.791	43	68723	4.605	ug/l	97
46)	t-1,4-Dichloro-2-butene	10.833	75	8421m	1.418	ug/l	
47)	Methyl methacrylate	6.962	69	21794	1.831	ug/l	96
48)	Ethyl methacrylate	8.335	69	19933	0.882	ug/l	93
49)	Toluene	7.968	92	66518	0.967	ug/l	96
50)	t-1,3-Dichloropropene	8.209	75	31510	0.934	ug/l	99
51)	cis-1,3-Dichloropropene	7.605	75	38056	0.921	ug/l	99
52)	1,1,2-Trichloroethane	8.396	97	20368	0.988	ug/l	98
53)	1,3-Dichloropropane	8.573	76	34753	0.987	ug/l	99
54)	2-Hexanone	8.685	43	57602	3.445	ug/l	96
55)	Dibromochloromethane	8.807	129	22756	0.915	ug/l	99
56)	1,2-Dibromoethane	8.923	107	17898	0.950	ug/l	93
58)	Tetrachloroethene	8.550	164	32568	1.035	ug/l	96
59)	Chlorobenzene	9.447	112	72847	0.959	ug/l	100
60)	1,1,1,2-Tetrachloroethane	9.531	131	24917	0.920	ug/l	99
61)	Pentachloroethane	11.422	117	17299	0.944	ug/l	99
62)	Hexachloroethane	12.470	117	16408	0.846	ug/l	97
63)	Ethyl Benzene	9.570	91	120162	0.932	ug/l	98
64)	m/p-Xylenes	9.692	106	89499	1.805	ug/l	97
65)	o-Xylene	10.100	106	45649	0.938	ug/l	95
66)	Styrene	10.113	104	67582	0.888	ug/l	94
67)	Bromoform	10.290	173	12821	0.960	ug/l	100
69)	Isopropylbenzene	10.483	105	116892	0.933	ug/l	99
70)	1,1,2,2-Tetrachloroethane	10.778	83	23777	0.987	ug/l	99
71)	1,2,3-Trichloropropane	10.820	75	16961m	0.849	ug/l	
72)	Bromobenzene	10.782	156	29010	0.971	ug/l	99
73)	n-propylbenzene	10.904	120	28150	0.873	ug/l	95
74)	2-Chlorotoluene	10.984	126	27830	0.927	ug/l	89
75)	1,3,5-Trimethylbenzene	11.084	105	96488	0.901	ug/l	100
76)	4-Chlorotoluene	11.097	126	29438	0.962	ug/l	99
77)	tert-Butylbenzene	11.418	119	86611	0.883	ug/l	98
78)	1,2,4-Trimethylbenzene	11.467	105	92222	0.870	ug/l	100
79)	sec-Butylbenzene	11.640	105	106919	0.863	ug/l	99
80)	Nitrobenzene	13.232	77	2350m	3.686	ug/l	
81)	p-Isopropyltoluene	11.791	119	81684	0.819	ug/l	97
82)	1,3-Dichlorobenzene	11.743	146	58790	0.964	ug/l	98
83)	1,4-Dichlorobenzene	11.836	146	56804	0.962	ug/l	98
84)	n-Butylbenzene	12.206	91	76162	0.895	ug/l	99
85)	1,2-Dichlorobenzene	12.209	146	53823	0.966	ug/l	96
86)	1,2-Dibromo-3-Chloropr...	12.997	75	3335	0.969	ug/l	86
87)	1,2,4-Trichlorobenzene	13.839	180	28466	0.941	ug/l	97
88)	Hexachlorobutadiene	14.016	225	18247	0.868	ug/l	97
89)	Naphthalene	14.087	128	38015	0.865	ug/l	99
90)	1,2,3-Trichlorobenzene	14.328	180	24335	0.938	ug/l	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101923\
Data File : VU055815.D
Acq On : 19 Oct 2023 17:41
Operator : MD/SY
Sample : 04699-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 20 02:01:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101823DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 20 02:00:35 2023
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2023

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2023
Supervised By :Mahesh Dadoda 10/25/2023