Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060321\
Data File : VU044038.D
Acq On : 03 Jun 2021 14:37
Operator : SY/MD
Sample : M2262-07 0.4PPB
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 04 06:44:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060221DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jun 04 06:43:51 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

Manual Integrations APPROVED

MMDadoda

6/7/2021 1:07:29 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.124	96	15446	1.000	ug/l		# 0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.642	95	4220	0.786	ug/l		0.00
Spiked Amount 1.000			Recovery =	79.000%			
68) 1,2-Dichlorobenzene-d4	12.201	152	4812	0.840	ug/l		0.00
Spiked Amount 1.000			Recovery =	84.000%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.391	85	2479	0.381	ug/l		100
3) Chloromethane	1.526	50	2843	0.405	ug/l		98
4) Vinyl Chloride	1.610	62	2479	0.375	ug/l		94
5) Bromomethane	1.864	94	1593	0.404	ug/l		98
6) Chloroethane	1.941	64	1785	0.442	ug/l		96
7) Trichlorofluoromethane	2.147	101	2850	0.384	ug/l		87
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	1592	0.372	ug/l		94
9) 1,1-Dichloroethene	2.587	96	1502	0.371	ug/l		98
10) Iodomethane	2.735	142	1769	0.340	ug/l		92
11) Allyl Chloride	2.935	41	2551	0.391	ug/l		96
12) Acrylonitrile	3.333	53	511	0.619	ug/l	#	78
13) Acetone	2.642	43	839	1.614	ug/l		91
14) Carbon Disulfide	2.803	76	5075	0.364	ug/l	#	95
15) Methylene Chloride	3.054	84	2849	0.469	ug/l		93
16) trans-1,2-Dichloroethene	3.366	96	1619	0.362	ug/l		86
17) 1,1-Dichloroethane	3.880	63	3368	0.392	ug/l	#	84
18) 2-Butanone	4.745	43	1903	1.835	ug/l		76
19) Cyclohexane	5.391	56	2994	0.367	ug/l		98
20) Methylcyclohexane	6.767	83	1845	0.283	ug/l		94
21) 2,2-Dichloropropane	4.674	77	2882	0.423	ug/l	#	89
22) cis-1,2-Dichloroethene	4.684	96	1735	0.364	ug/l		90
23) Diethyl Ether	2.388	59	1200	0.363	ug/l		95
24) tert-Butyl Alcohol	3.202	59	1394m	3.615	ug/l		
25) Methyl tert-Butyl Ether	3.388	73	3691	0.363	ug/l	#	90
26) Bromochloromethane	4.989	128	648	0.336	ug/l		85
27) Chloroform	5.102	83	3099	0.370	ug/l		98
28) 1,1,1-Trichloroethane	5.324	97	2602	0.368	ug/l		95
29) 1,1-Dichloropropene	5.533	75	2310	0.348	ug/l		95
30) Carbon Tetrachloride	5.529	117	2245	0.364	ug/l		95
31) Isopropyl Ether	4.018	45	5034	0.369	ug/l		99
32) Ethyl-t-butyl ether	4.533	59	4469	0.365	ug/l		99
33) Tert-Amyl methyl ether	5.964	73	3013	0.318	ug/l	#	91
34) Propionitrile	4.816	54	342m	1.239	ug/l		
35) Benzene	5.780	78	6830	0.355	ug/l		94
36) 1,2-Dichloroethane	5.806	62	2084	0.370	ug/l	#	74
37) Trichloroethene	6.549	130	1425	0.320	ug/l		81
38) 1,2-Dichloropropane	6.803	63	1623	0.319	ug/l		89
39) Methacrylonitrile	4.996	41	549	0.358	ug/l	#	61
40) Methyl acrylate	4.870	55	817	0.331	ug/l	#	70
41) Tetrahydrofuran	5.086	42	487	0.633	ug/l	#	42
42) 1-Chlorobutane	5.465	56	3602	0.377	ug/l		98
43) Dibromomethane	6.931	93	753	0.301	ug/l		94
44) Bromodichloromethane	7.118	83	2127	0.342	ug/l	#	93

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060321\
Data File : VU044038.D
Acq On : 03 Jun 2021 14:37
Operator : SY/MD
Sample : M2262-07 0.4PPB
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 04 06:44:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060221DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jun 04 06:43:51 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

Manual Integrations APPROVED

MMDadoda

6/7/2021 1:07:29 PM

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.816	43	4192	1.516 ug/l	#	89
46) t-1,4-Dichloro-2-butene	10.841	75	751m	0.611 ug/l		
47) Methyl methacrylate	6.983	69	1055	0.498 ug/l	#	90
48) Ethyl methacrylate	8.349	69	1056	0.274 ug/l		91
49) Toluene	7.976	92	2892	0.272 ug/l		100
50) t-1,3-Dichloropropene	8.221	75	1620	0.300 ug/l		95
51) cis-1,3-Dichloropropene	7.619	75	1862	0.307 ug/l		97
52) 1,1,2-Trichloroethane	8.414	97	1216	0.338 ug/l		90
53) 1,3-Dichloropropane	8.587	76	2014	0.319 ug/l		99
54) 2-Hexanone	8.706	43	2637	1.379 ug/l		86
55) Dibromochloromethane	8.822	129	1280	0.325 ug/l		96
56) 1,2-Dibromoethane	8.934	107	1070	0.336 ug/l		96
58) Tetrachloroethene	8.562	164	1479	0.357 ug/l		96
59) Chlorobenzene	9.455	112	3303	0.296 ug/l		97
60) 1,1,1,2-Tetrachloroethane	9.542	131	1369	0.323 ug/l		93
61) Pentachloroethane	11.436	117	1100	0.321 ug/l		94
62) Hexachloroethane	12.484	117	1228	0.361 ug/l		92
63) Ethyl Benzene	9.578	91	4708	0.255 ug/l		91
64) m/p-Xylenes	9.703	106	3403	0.466 ug/l		97
65) o-Xylene	10.108	106	1561	0.230 ug/l		87
66) Styrene	10.124	104	2836	0.236 ug/l		98
67) Bromoform	10.301	173	658	0.305 ug/l	#	93
69) Isopropylbenzene	10.491	105	4315	0.239 ug/l		94
70) 1,1,2,2-Tetrachloroethane	10.793	83	1638	0.347 ug/l	#	97
71) 1,2,3-Trichloropropane	10.835	75	1220m	0.342 ug/l		
72) Bromobenzene	10.793	156	1313	0.289 ug/l		93
73) n-propylbenzene	10.915	120	1030	0.204 ug/l		69
74) 2-Chlorotoluene	10.992	126	1074	0.237 ug/l		84
75) 1,3,5-Trimethylbenzene	11.095	105	3532	0.218 ug/l		97
76) 4-Chlorotoluene	11.108	126	1004	0.205 ug/l		75
77) tert-Butylbenzene	11.430	119	3930	0.254 ug/l		93
78) 1,2,4-Trimethylbenzene	11.475	105	3453	0.208 ug/l		100
79) sec-Butylbenzene	11.651	105	4968	0.229 ug/l		99
80) Nitrobenzene	13.220	77	177	1.253 ug/l	#	43
81) p-Isopropyltoluene	11.799	119	3739	0.212 ug/l		100
82) 1,3-Dichlorobenzene	11.754	146	2846	0.287 ug/l		100
83) 1,4-Dichlorobenzene	11.844	146	2637	0.267 ug/l		97
84) n-Butylbenzene	12.217	91	4020	0.230 ug/l		96
85) 1,2-Dichlorobenzene	12.221	146	2750	0.291 ug/l		97
86) 1,2-Dibromo-3-Chloropr...	13.002	75	144	0.201 ug/l	#	82
87) 1,2,4-Trichlorobenzene	13.847	180	1603	0.288 ug/l		96
88) Hexachlorobutadiene	14.031	225	1216	0.336 ug/l		93
89) Naphthalene	14.095	128	2376	0.247 ug/l	#	89
90) 1,2,3-Trichlorobenzene	14.339	180	1397	0.260 ug/l		92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060321\
Data File : VU044038.D
Acq On : 03 Jun 2021 14:37
Operator : SY/MD
Sample : M2262-07 0.4PPB
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 04 06:44:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060221DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jun 04 06:43:51 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

Manual Integrations APPROVED

MMDadoda