Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040622\
Data File : VU047837.D
Acq On : 06 Apr 2022 18:53
Operator : SY/MD
Sample : MDL02 0.4ppb
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.4ppb

Quant Time: Apr 11 03:46:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U040622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Apr 11 03:41:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.118	96	45371	1.000	ug/l		# 0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.636	95	14652	0.893	ug/l		0.00
Spiked Amount 1.000			Recovery = 89.000%				
68) 1,2-Dichlorobenzene-d4	12.195	152	19252	0.972	ug/l		0.00
Spiked Amount 1.000			Recovery = 97.000%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	6430	0.398	ug/l		93
3) Chloromethane	1.530	50	7302	0.404	ug/l		94
4) Vinyl Chloride	1.607	62	6210	0.388	ug/l		99
5) Bromomethane	1.861	94	4086	0.404	ug/l		98
6) Chloroethane	1.938	64	3901	0.392	ug/l		97
7) Trichlorofluoromethane	2.144	101	8530	0.399	ug/l		97
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	4699	0.381	ug/l		96
9) 1,1-Dichloroethene	2.584	96	4549	0.371	ug/l		96
10) Iodomethane	2.729	142	3089	0.367	ug/l		96
11) Allyl Chloride	2.928	41	7122	0.423	ug/l		97
12) Acrylonitrile	3.330	53	2446	0.792	ug/l	#	82
13) Acetone	2.652	43	5113	2.086	ug/l	#	86
14) Carbon Disulfide	2.800	76	15882	0.409	ug/l		98
15) Methylene Chloride	3.051	84	8147	0.418	ug/l		96
16) trans-1,2-Dichloroethene	3.356	96	5423	0.404	ug/l		93
17) 1,1-Dichloroethane	3.877	63	8635	0.392	ug/l		95
18) 2-Butanone	4.742	43	5602	1.715	ug/l		92
19) Cyclohexane	5.385	56	5507m	0.330	ug/l		
20) Methylcyclohexane	6.767	83	6014	0.323	ug/l		97
21) 2,2-Dichloropropane	4.671	77	6802	0.376	ug/l		96
22) cis-1,2-Dichloroethene	4.678	96	5385	0.389	ug/l		92
23) Diethyl Ether	2.382	59	3612	0.395	ug/l	#	90
24) tert-Butyl Alcohol	3.231	59	2855m	2.878	ug/l		
25) Methyl tert-Butyl Ether	3.375	73	12234	0.401	ug/l	#	90
26) Bromochloromethane	4.983	128	2652	0.385	ug/l		96
27) Chloroform	5.092	83	9703	0.414	ug/l		100
28) 1,1,1-Trichloroethane	5.317	97	7627	0.385	ug/l		94
29) 1,1-Dichloropropene	5.530	75	5681	0.339	ug/l		97
30) Carbon Tetrachloride	5.523	117	6472	0.375	ug/l		97
31) Isopropyl Ether	4.002	45	11009	0.361	ug/l		96
32) Ethyl-t-butyl ether	4.514	59	9896	0.334	ug/l		98
33) Tert-Amyl methyl ether	5.948	73	9133	0.341	ug/l		98
34) Propionitrile	4.809	54	1808m	1.718	ug/l		
35) Benzene	5.777	78	18602	0.371	ug/l		96
36) 1,2-Dichloroethane	5.803	62	5322	0.361	ug/l		95
37) Trichloroethene	6.546	130	5277	0.363	ug/l		99
38) 1,2-Dichloropropane	6.793	63	4611	0.362	ug/l		98
39) Methacrylonitrile	4.993	41	1197	0.320	ug/l	#	87
40) Methyl acrylate	4.864	55	1783	0.292	ug/l	#	70
41) Tetrahydrofuran	5.076	42	1484	0.703	ug/l	#	62
42) 1-Chlorobutane	5.462	56	7784	0.360	ug/l		98
43) Dibromomethane	6.925	93	2730	0.373	ug/l		96
44) Bromodichloromethane	7.108	83	6578	0.389	ug/l		97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040622\
Data File : VU047837.D
Acq On : 06 Apr 2022 18:53
Operator : SY/MD
Sample : MDL02 0.4ppb
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.4ppb

Quant Time: Apr 11 03:46:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U040622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Apr 11 03:41:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	12219	1.628	ug/l		94
46) t-1,4-Dichloro-2-butene	10.828	75	3021m	0.852	ug/l		
47) Methyl methacrylate	6.970	69	3669	0.626	ug/l		97
48) Ethyl methacrylate	8.343	69	3090	0.286	ug/l		91
49) Toluene	7.973	92	9933	0.326	ug/l		100
50) t-1,3-Dichloropropene	8.218	75	4864	0.325	ug/l		96
51) cis-1,3-Dichloropropene	7.613	75	5504	0.320	ug/l		88
52) 1,1,2-Trichloroethane	8.404	97	4025	0.389	ug/l		93
53) 1,3-Dichloropropane	8.578	76	6081	0.359	ug/l		98
54) 2-Hexanone	8.697	43	8595	1.593	ug/l		88
55) Dibromochloromethane	8.812	129	4318	0.350	ug/l		95
56) 1,2-Dibromoethane	8.928	107	3353	0.340	ug/l		94
58) Tetrachloroethene	8.555	164	5193	0.399	ug/l		94
59) Chlorobenzene	9.449	112	12508	0.349	ug/l		97
60) 1,1,1,2-Tetrachloroethane	9.536	131	4825	0.379	ug/l		99
61) Pentachloroethane	11.430	117	4236	0.400	ug/l		86
62) Hexachloroethane	12.478	117	3362	0.348	ug/l		100
63) Ethyl Benzene	9.571	91	16832	0.304	ug/l		97
64) m/p-Xylenes	9.697	106	12044	0.547	ug/l		99
65) o-Xylene	10.102	106	5819	0.277	ug/l		99
66) Styrene	10.115	104	9239	0.259	ug/l		98
67) Bromoform	10.295	173	2833	0.362	ug/l	#	98
69) Isopropylbenzene	10.488	105	15179	0.276	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.787	83	4668	0.350	ug/l		100
71) 1,2,3-Trichloropropane	10.828	75	3875m	0.382	ug/l		
72) Bromobenzene	10.783	156	5559	0.336	ug/l		98
73) n-propylbenzene	10.909	120	4170	0.265	ug/l		90
74) 2-Chlorotoluene	10.986	126	4451	0.299	ug/l		92
75) 1,3,5-Trimethylbenzene	11.089	105	12229	0.262	ug/l		98
76) 4-Chlorotoluene	11.099	126	4552	0.290	ug/l		96
77) tert-Butylbenzene	11.420	119	13684	0.289	ug/l		99
78) 1,2,4-Trimethylbenzene	11.471	105	12198	0.255	ug/l		98
79) sec-Butylbenzene	11.645	105	16229	0.262	ug/l		100
80) Nitrobenzene	13.221	77	787	1.557	ug/l	#	69
81) p-Isopropyltoluene	11.796	119	12697	0.245	ug/l		96
82) 1,3-Dichlorobenzene	11.748	146	11562	0.349	ug/l		99
83) 1,4-Dichlorobenzene	11.841	146	10522	0.317	ug/l		96
84) n-Butylbenzene	12.211	91	13420	0.271	ug/l		95
85) 1,2-Dichlorobenzene	12.214	146	10640	0.338	ug/l		96
86) 1,2-Dibromo-3-Chloropr...	12.996	75	588	0.277	ug/l		96
87) 1,2,4-Trichlorobenzene	13.844	180	7151	0.312	ug/l		98
88) Hexachlorobutadiene	14.021	225	5072	0.374	ug/l		96
89) Naphthalene	14.089	128	10738	0.299	ug/l		99
90) 1,2,3-Trichlorobenzene	14.333	180	7176	0.338	ug/l		94

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040622\
Data File : VU047837.D
Acq On : 06 Apr 2022 18:53
Operator : SY/MD
Sample : MDL02 0.4ppb
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.4ppb

Quant Time: Apr 11 03:46:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U040622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Apr 11 03:41:24 2022
Response via : Initial Calibration