Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090624\
Data File : VU060641.D
Acq On : 06 Sep 2024 13:05
Operator : MD/SY
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Quant Time: Sep 07 00:36:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U090624DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sat Sep 07 00:33:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.110	96	38768	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	14113	1.066	ug/l	0.00
Spiked Amount 1.000			Recovery = 107.000%			
68) 1,2-Dichlorobenzene-d4	12.187	152	15505	1.087	ug/l	0.00
Spiked Amount 1.000			Recovery = 109.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	85469	5.602	ug/l	97
3) Chloromethane	1.518	50	82041	4.817	ug/l	99
4) Vinyl Chloride	1.602	62	83905	4.955	ug/l	100
5) Bromomethane	1.856	94	50103	4.790	ug/l	94
6) Chloroethane	1.930	64	48757	4.806	ug/l	96
7) Trichlorofluoromethane	2.133	101	117911	5.617	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	53328	4.837	ug/l	98
9) 1,1-Dichloroethene	2.573	96	52180	4.553	ug/l	99
10) Iodomethane	2.718	142	70330	4.215	ug/l	98
11) Allyl Chloride	2.917	41	68804	4.422	ug/l	99
12) Acrylonitrile	3.329	53	24153m	8.150	ug/l	
13) Acetone	2.653	43	94869m	24.472	ug/l	
14) Carbon Disulfide	2.788	76	176432	4.571	ug/l	99
15) Methylene Chloride	3.039	84	63638	4.465	ug/l	98
16) trans-1,2-Dichloroethene	3.348	96	57984	4.740	ug/l	99
17) 1,1-Dichloroethane	3.859	63	108599	4.619	ug/l	99
18) 2-Butanone	4.714	43	109291	25.005	ug/l	96
19) Cyclohexane	5.380	56	87335m	4.329	ug/l	
20) Methylcyclohexane	6.756	83	90796	5.542	ug/l	99
21) 2,2-Dichloropropane	4.657	77	87563	4.723	ug/l	98
22) cis-1,2-Dichloroethene	4.660	96	60745	4.635	ug/l	99
23) Diethyl Ether	2.370	59	41276	4.428	ug/l	98
24) tert-Butyl Alcohol	3.284	59	40079m	35.444	ug/l	
25) Methyl tert-Butyl Ether	3.358	73	117685	4.198	ug/l	100
26) Bromochloromethane	4.968	128	27802	4.953	ug/l	99
27) Chloroform	5.078	83	113407	4.891	ug/l	98
28) 1,1,1-Trichloroethane	5.306	97	101483	5.197	ug/l	100
29) 1,1-Dichloropropene	5.521	75	79648	5.075	ug/l	100
30) Carbon Tetrachloride	5.515	117	89291	5.530	ug/l	98
31) Isopropyl Ether	3.981	45	137308	4.046	ug/l	96
32) Ethyl-t-butyl ether	4.493	59	137062	4.158	ug/l	99
33) Tert-Amyl methyl ether	5.930	73	125904	5.222	ug/l	98
34) Propionitrile	4.798	54	23809m	19.971	ug/l	
35) Benzene	5.766	78	237471	4.995	ug/l	99
36) 1,2-Dichloroethane	5.785	62	70684	5.259	ug/l	99
37) Trichloroethene	6.538	130	62883	5.296	ug/l	93
38) 1,2-Dichloropropane	6.782	63	63486	4.945	ug/l	99
39) Methacrylonitrile	4.972	41	15001	3.520	ug/l	94
40) Methyl acrylate	4.853	55	29733m	3.924	ug/l	
41) Tetrahydrofuran	5.062	42	17680m	7.553	ug/l	
42) 1-Chlorobutane	5.451	56	109879	5.122	ug/l	99
43) Dibromomethane	6.910	93	31417	4.834	ug/l	99
44) Bromodichloromethane	7.097	83	77817	4.951	ug/l	97

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Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Quant Time: Sep 07 00:36:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U090624DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sat Sep 07 00:33:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	153609	24.838	ug/l	99
46) t-1,4-Dichloro-2-butene	10.824	75	32105m	9.365	ug/l	
47) Methyl methacrylate	6.956	69	53635	10.184	ug/l	97
48) Ethyl methacrylate	8.328	69	46607	5.148	ug/l	98
49) Toluene	7.962	92	142087	5.385	ug/l	97
50) t-1,3-Dichloropropene	8.203	75	70343	5.378	ug/l	95
51) cis-1,3-Dichloropropene	7.602	75	82232	5.234	ug/l	98
52) 1,1,2-Trichloroethane	8.393	97	42833	4.527	ug/l	97
53) 1,3-Dichloropropane	8.566	76	75433	4.952	ug/l	99
54) 2-Hexanone	8.679	43	149163	29.883	ug/l	97
55) Dibromochloromethane	8.801	129	53174	5.026	ug/l	96
56) 1,2-Dibromoethane	8.917	107	40087	4.727	ug/l	97
58) Tetrachloroethene	8.547	164	60787	5.653	ug/l	98
59) Chlorobenzene	9.441	112	159419	5.527	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.525	131	58028	5.130	ug/l	99
61) Pentachloroethane	11.418	117	44244	4.668	ug/l	99
62) Hexachloroethane	12.467	117	44268	4.790	ug/l	100
63) Ethyl Benzene	9.563	91	258386	5.720	ug/l	100
64) m/p-Xylenes	9.685	106	211141	11.803	ug/l	99
65) o-Xylene	10.094	106	98410	5.708	ug/l	95
66) Styrene	10.107	104	162706	5.723	ug/l	99
67) Bromoform	10.283	173	31208	5.044	ug/l	98
69) Isopropylbenzene	10.476	105	256404	5.815	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	53983	4.325	ug/l	98
71) 1,2,3-Trichloropropane	10.814	75	40482m	4.421	ug/l	
72) Bromobenzene	10.775	156	63113	5.364	ug/l	99
73) n-propylbenzene	10.897	120	71132	5.804	ug/l	98
74) 2-Chlorotoluene	10.978	126	65456	5.719	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	228368	5.939	ug/l	99
76) 4-Chlorotoluene	11.090	126	67893	5.711	ug/l	99
77) tert-Butylbenzene	11.412	119	213091	5.676	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	234454	5.969	ug/l	99
79) sec-Butylbenzene	11.634	105	285560	5.744	ug/l	100
80) Nitrobenzene	13.213	77	8110m	15.323	ug/l	
81) p-Isopropyltoluene	11.785	119	236485	5.849	ug/l	99
82) 1,3-Dichlorobenzene	11.737	146	130962	5.361	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	131066	5.417	ug/l	97
84) n-Butylbenzene	12.203	91	217785	5.574	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	121117	5.135	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.991	75	8519	4.661	ug/l	94
87) 1,2,4-Trichlorobenzene	13.833	180	68018	5.032	ug/l	100
88) Hexachlorobutadiene	14.010	225	47774	5.416	ug/l	99
89) Naphthalene	14.081	128	91997	3.963	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	58073	4.484	ug/l	98

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

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ClientSampleId :
VSTDICC005

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