Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021125\
Data File : VU063230.D
Acq On : 11 Feb 2025 12:07
Operator : MD/SY
Sample : VU0211WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 12 03:16:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 11 08:42:19 2025
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0211WBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.106	96	55425	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	17934	0.981	ug/l	0.00
Spiked Amount 1.000			Recovery = 98.000%			
68) 1,2-Dichlorobenzene-d4	12.187	152	17795	0.936	ug/l	0.00
Spiked Amount 1.000			Recovery = 94.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	34881	1.937	ug/l	100
3) Chloromethane	1.515	50	39366	1.898	ug/l	98
4) Vinyl Chloride	1.599	62	40631	1.980	ug/l	100
5) Bromomethane	1.849	94	22200	2.214	ug/l	98
6) Chloroethane	1.923	64	25320	1.959	ug/l	98
7) Trichlorofluoromethane	2.129	101	50024	2.057	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	27957	2.026	ug/l	100
9) 1,1-Dichloroethene	2.570	96	28143	2.001	ug/l	98
10) Iodomethane	2.711	142	42948	1.943	ug/l	96
11) Allyl Chloride	2.914	41	38956	1.928	ug/l	99
12) Acrylonitrile	3.325	53	11706	3.609	ug/l	97
13) Acetone	2.631	43	22228	8.913	ug/l	95
14) Carbon Disulfide	2.782	76	97781	1.989	ug/l	99
15) Methylene Chloride	3.033	84	32623	1.878	ug/l	99
16) trans-1,2-Dichloroethene	3.345	96	31649	1.972	ug/l	95
17) 1,1-Dichloroethane	3.856	63	58713	1.941	ug/l	100
18) 2-Butanone	4.714	43	35261	8.884	ug/l	94
19) Cyclohexane	5.373	56	47343m	1.948	ug/l	
20) Methylcyclohexane	6.753	83	49192	2.041	ug/l	98
21) 2,2-Dichloropropane	4.650	77	46690	1.978	ug/l	99
22) cis-1,2-Dichloroethene	4.656	96	33572	1.936	ug/l	99
23) Diethyl Ether	2.367	59	22508	1.865	ug/l	92
24) tert-Butyl Alcohol	3.200	59	20238m	10.598	ug/l	
25) Methyl tert-Butyl Ether	3.351	73	66762	1.901	ug/l	97
26) Bromochloromethane	4.962	128	14812	1.954	ug/l	97
27) Chloroform	5.078	83	60066	1.968	ug/l	95
28) 1,1,1-Trichloroethane	5.306	97	48266	1.952	ug/l	99
29) 1,1-Dichloropropene	5.518	75	44151	1.993	ug/l	99
30) Carbon Tetrachloride	5.515	117	43154	2.035	ug/l	97
31) Isopropyl Ether	3.978	45	82853	1.918	ug/l	99
32) Ethyl-t-butyl ether	4.486	59	75741	1.929	ug/l	100
33) Tert-Amyl methyl ether	5.930	73	65301	1.903	ug/l	98
34) Propionitrile	4.785	54	10600	8.855	ug/l #	87
35) Benzene	5.762	78	132307	1.943	ug/l	96
36) 1,2-Dichloroethane	5.785	62	38000	1.933	ug/l	99
37) Trichloroethene	6.534	130	33039	2.040	ug/l	98
38) 1,2-Dichloropropane	6.782	63	34557	1.939	ug/l	97
39) Methacrylonitrile	4.975	41	8038	1.802	ug/l #	86
40) Methyl acrylate	4.865	55	15318m	1.863	ug/l	
41) Tetrahydrofuran	5.058	42	8769	3.380	ug/l	95
42) 1-Chlorobutane	5.447	56	58303	1.924	ug/l	95
43) Dibromomethane	6.914	93	17206	1.906	ug/l	99
44) Bromodichloromethane	7.097	83	41643	1.982	ug/l	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45)	4-Methyl-2-Pentanone	7.785	43	89316	9.439	ug/l	99
46)	t-1,4-Dichloro-2-butene	10.820	75	18247m	4.102	ug/l	
47)	Methyl methacrylate	6.955	69	27667	3.639	ug/l	94
48)	Ethyl methacrylate	8.328	69	26252	1.839	ug/l	99
49)	Toluene	7.962	92	78140	1.995	ug/l	99
50)	t-1,3-Dichloropropene	8.206	75	37997	1.976	ug/l	97
51)	cis-1,3-Dichloropropene	7.598	75	46394	1.953	ug/l	98
52)	1,1,2-Trichloroethane	8.389	97	23627	1.941	ug/l	97
53)	1,3-Dichloropropane	8.566	76	41879	1.938	ug/l	99
54)	2-Hexanone	8.682	43	58847	9.113	ug/l	98
55)	Dibromochloromethane	8.801	129	27354	1.954	ug/l	99
56)	1,2-Dibromoethane	8.917	107	22029	1.930	ug/l	99
58)	Tetrachloroethene	8.544	164	27268	2.043	ug/l	97
59)	Chlorobenzene	9.438	112	81191	1.965	ug/l	98
60)	1,1,1,2-Tetrachloroethane	9.524	131	28863	1.943	ug/l	99
61)	Pentachloroethane	11.418	117	24877	1.875	ug/l	96
62)	Hexachloroethane	12.466	117	21187	1.805	ug/l	99
63)	Ethyl Benzene	9.563	91	137062	1.923	ug/l	100
64)	m/p-Xylenes	9.685	106	104430	3.922	ug/l	97
65)	o-Xylene	10.090	106	49629	1.904	ug/l	97
66)	Styrene	10.110	104	77051	1.858	ug/l	98
67)	Bromoform	10.283	173	14840	1.868	ug/l	99
69)	Isopropylbenzene	10.476	105	119341	1.948	ug/l	99
70)	1,1,2,2-Tetrachloroethane	10.772	83	30580	1.864	ug/l	98
71)	1,2,3-Trichloropropane	10.814	75	24894m	2.020	ug/l	
72)	Bromobenzene	10.775	156	32516	1.969	ug/l	98
73)	n-propylbenzene	10.897	120	34231	1.951	ug/l	97
74)	2-Chlorotoluene	10.978	126	32733	2.025	ug/l	98
75)	1,3,5-Trimethylbenzene	11.081	105	111469	1.963	ug/l	100
76)	4-Chlorotoluene	11.090	126	32504	1.960	ug/l	99
77)	tert-Butylbenzene	11.412	119	111932	1.949	ug/l	99
78)	1,2,4-Trimethylbenzene	11.460	105	105544	1.873	ug/l	100
79)	sec-Butylbenzene	11.634	105	143488	1.963	ug/l	99
80)	Nitrobenzene	13.225	77	2628m	8.833	ug/l	
81)	p-Isopropyltoluene	11.785	119	110271	1.911	ug/l	99
82)	1,3-Dichlorobenzene	11.740	146	61914	1.933	ug/l	99
83)	1,4-Dichlorobenzene	11.830	146	61090	1.950	ug/l	99
84)	n-Butylbenzene	12.199	91	95124	1.839	ug/l	99
85)	1,2-Dichlorobenzene	12.206	146	59757	1.942	ug/l	97
86)	1,2-Dibromo-3-Chloropr...	12.990	75	4088	1.776	ug/l	98
87)	1,2,4-Trichlorobenzene	13.836	180	28591	1.905	ug/l	99
88)	Hexachlorobutadiene	14.010	225	21893	2.041	ug/l	97
89)	Naphthalene	14.084	128	41131	1.883	ug/l	96
90)	1,2,3-Trichlorobenzene	14.322	180	26648	1.815	ug/l	98

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

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