Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062525\
Data File : VU063452.D
Acq On : 25 Jun 2025 11:27
Operator : MD/SY
Sample : VU0625WBSD01
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 26 01:26:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jun 24 05:06:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.103	96	49906	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	17342	0.946	ug/l	0.00
Spiked Amount 1.000			Recovery =	95.000%		
68) 1,2-Dichlorobenzene-d4	12.187	152	17538	0.953	ug/l	0.00
Spiked Amount 1.000			Recovery =	95.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	37939	1.979	ug/l	98
3) Chloromethane	1.518	50	41594	1.647	ug/l	98
4) Vinyl Chloride	1.599	62	37795	1.748	ug/l	99
5) Bromomethane	1.846	94	26766	2.584	ug/l	97
6) Chloroethane	1.923	64	24932	1.947	ug/l	97
7) Trichlorofluoromethane	2.126	101	49886	2.023	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	25503	1.942	ug/l	97
9) 1,1-Dichloroethene	2.567	96	27116	2.069	ug/l	93
10) Iodomethane	2.708	142	19162	1.812	ug/l	97
11) Allyl Chloride	2.907	41	41589	1.782	ug/l	99
12) Acrylonitrile	3.306	53	14179	3.745	ug/l	95
13) Acetone	2.621	43	25437	7.532	ug/l	98
14) Carbon Disulfide	2.776	76	85955	1.881	ug/l	98
15) Methylene Chloride	3.030	84	33807	2.035	ug/l	97
16) trans-1,2-Dichloroethene	3.335	96	28662	1.944	ug/l	96
17) 1,1-Dichloroethane	3.849	63	60797	1.964	ug/l	100
18) 2-Butanone	4.718	43	41128	7.784	ug/l	98
19) Cyclohexane	5.354	56	47425	2.025	ug/l	99
20) Methylcyclohexane	6.746	83	38928	1.790	ug/l	97
21) 2,2-Dichloropropane	4.644	77	40426	1.837	ug/l	98
22) cis-1,2-Dichloroethene	4.647	96	31884	1.981	ug/l	91
23) Diethyl Ether	2.370	59	22658	1.916	ug/l	95
24) tert-Butyl Alcohol	3.200	59	24251	19.470	ug/l	99
25) Methyl tert-Butyl Ether	3.364	73	68583	1.924	ug/l	99
26) Bromochloromethane	4.955	128	12511	1.997	ug/l	91
27) Chloroform	5.071	83	56324	1.941	ug/l	95
28) 1,1,1-Trichloroethane	5.293	97	46560	1.978	ug/l	99
29) 1,1-Dichloropropene	5.505	75	41683	1.939	ug/l	99
30) Carbon Tetrachloride	5.499	117	37164	1.977	ug/l	98
31) Isopropyl Ether	3.994	45	86389	1.786	ug/l	99
32) Ethyl-t-butyl ether	4.505	59	73977	1.805	ug/l	96
33) Tert-Amyl methyl ether	5.946	73	56172	1.914	ug/l	99
34) Propionitrile	4.782	54	13971	9.141	ug/l #	93
35) Benzene	5.759	78	130761	2.011	ug/l	99
36) 1,2-Dichloroethane	5.785	62	37884	1.993	ug/l	99
37) Trichloroethene	6.531	130	29076	1.892	ug/l	96
38) 1,2-Dichloropropane	6.785	63	36214	2.016	ug/l	99
39) Methacrylonitrile	4.978	41	10704	1.683	ug/l	95
40) Methyl acrylate	4.853	55	16065	1.799	ug/l #	96
41) Tetrahydrofuran	5.068	42	12160	3.555	ug/l	98
42) 1-Chlorobutane	5.438	56	57186	1.875	ug/l	97
43) Dibromomethane	6.914	93	16193	1.930	ug/l	98
44) Bromodichloromethane	7.100	83	40673	1.990	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062525\
Data File : VU063452.D
Acq On : 25 Jun 2025 11:27
Operator : MD/SY
Sample : VU0625WBSD01
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 26 01:26:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jun 24 05:06:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	79037	8.775	ug/l	99
46) t-1,4-Dichloro-2-butene	10.827	75	12395m	4.187	ug/l	
47) Methyl methacrylate	6.971	69	24819	3.878	ug/l	98
48) Ethyl methacrylate	8.338	69	21710	1.964	ug/l	99
49) Toluene	7.962	92	67443	1.889	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	27535	1.868	ug/l	95
51) cis-1,3-Dichloropropene	7.602	75	37407	1.890	ug/l	99
52) 1,1,2-Trichloroethane	8.396	97	24811	2.023	ug/l	98
53) 1,3-Dichloropropane	8.569	76	41491	1.966	ug/l	98
54) 2-Hexanone	8.692	43	53905	9.493	ug/l	95
55) Dibromochloromethane	8.801	129	25650	2.027	ug/l	96
56) 1,2-Dibromoethane	8.920	107	19862	1.998	ug/l	97
58) Tetrachloroethene	8.544	164	29469	1.955	ug/l	97
59) Chlorobenzene	9.441	112	71813	1.879	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.524	131	26716	1.942	ug/l	100
61) Pentachloroethane	11.415	117	22909	2.044	ug/l	96
62) Hexachloroethane	12.466	117	19321	1.917	ug/l	95
63) Ethyl Benzene	9.563	91	113201	1.847	ug/l	99
64) m/p-Xylenes	9.688	106	86934	3.670	ug/l	99
65) o-Xylene	10.094	106	42395	1.821	ug/l	96
66) Styrene	10.110	104	70138	1.857	ug/l	98
67) Bromoform	10.286	173	12270	1.775	ug/l	95
69) Isopropylbenzene	10.476	105	102163	1.894	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	31968	2.038	ug/l	100
71) 1,2,3-Trichloropropane	10.817	75	25287m	1.973	ug/l	
72) Bromobenzene	10.778	156	29542	1.951	ug/l	88
73) n-propylbenzene	10.901	120	30039	1.845	ug/l	96
74) 2-Chlorotoluene	10.981	126	28908	1.932	ug/l	100
75) 1,3,5-Trimethylbenzene	11.081	105	98754	1.857	ug/l	99
76) 4-Chlorotoluene	11.094	126	30163	1.924	ug/l	100
77) tert-Butylbenzene	11.412	119	94918	1.916	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	98758	1.868	ug/l	99
79) sec-Butylbenzene	11.634	105	135745	1.934	ug/l	100
80) Nitrobenzene	13.212	77	6943m	10.655	ug/l	
81) p-Isopropyltoluene	11.785	119	104714	1.900	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	64996	2.073	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	64810	1.992	ug/l	98
84) n-Butylbenzene	12.203	91	107626	1.873	ug/l	97
85) 1,2-Dichlorobenzene	12.206	146	59654	1.988	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.991	75	4533	2.102	ug/l	94
87) 1,2,4-Trichlorobenzene	13.836	180	32381	1.935	ug/l	97
88) Hexachlorobutadiene	14.013	225	22737	1.916	ug/l	99
89) Naphthalene	14.084	128	49435	2.181	ug/l	98
90) 1,2,3-Trichlorobenzene	14.322	180	29291	1.760	ug/l	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062525\
Data File : VU063452.D
Acq On : 25 Jun 2025 11:27
Operator : MD/SY
Sample : VU0625WBSD01
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 26 01:26:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jun 24 05:06:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0625WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025