

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW111225\
 Data File : VW039372.D
 Acq On : 12 Nov 2025 14:01
 Operator : SY/MD
 Sample : Q3530-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Quant Time: Nov 14 00:22:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 00:16:53 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/14/2025
 Supervised By : Mahesh Dadoda 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	4.600	168	771435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1111186	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1063807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	626690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	513823	53.990	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 107.980%			
35) Dibromofluoromethane	4.503	113	443906	52.085	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 104.180%			
50) Toluene-d8	7.236	98	1407128	49.963	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 99.920%			
62) 4-Bromofluorobenzene	9.998	95	525782	48.585	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 97.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	25547	5.547	ug/l	99
3) Chloromethane	1.230	50	25779	5.999	ug/l	98
4) Vinyl Chloride	1.298	62	29453	5.554	ug/l	95
5) Bromomethane	1.494	94	19391	6.142	ug/l	98
6) Chloroethane	1.561	64	23490	6.000	ug/l	90
7) Trichlorofluoromethane	1.725	101	60938	5.643	ug/l	98
8) Diethyl Ether	1.918	74	22784	5.533	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.082	101	38429	5.413	ug/l	96
10) Methyl Iodide	2.198	142	26375	6.032	ug/l	99
11) Tert butyl alcohol	2.571	59	32812	32.183	ug/l	97
12) 1,1-Dichloroethene	2.085	96	29939	5.331	ug/l	96
13) Acrolein	2.008	56	5008	52.356	ug/l	94
14) Allyl chloride	2.362	41	54910	5.488	ug/l	97
15) Acrylonitrile	2.683	53	106318	26.867	ug/l	97
16) Acetone	2.121	43	209134	41.533	ug/l	100
17) Carbon Disulfide	2.252	76	51997	5.858	ug/l	96
18) Methyl Acetate	2.387	43	44926	3.333	ug/l	99
19) Methyl tert-butyl Ether	2.709	73	113039	5.354	ug/l	96
20) Methylene Chloride	2.461	84	41145	5.292	ug/l	92
21) trans-1,2-Dichloroethene	2.709	96	29763	5.344	ug/l	98
22) Diisopropyl ether	3.217	45	111877	5.146	ug/l #	29
23) Vinyl Acetate	3.204	43	442894	28.844	ug/l	96
24) 1,1-Dichloroethane	3.124	63	75100	5.681	ug/l	98
25) 2-Butanone	3.886	43	171501	32.643	ug/l	99
26) 2,2-Dichloropropane	3.812	77	64425	5.795	ug/l	99
27) cis-1,2-Dichloroethene	3.834	96	42084	5.564	ug/l	91
28) Bromochloromethane	4.162	49	23697	4.099	ug/l #	98
29) Tetrahydrofuran	4.249	42	75212	25.574	ug/l	95
30) Chloroform	4.285	83	82237	5.633	ug/l	100
31) Cyclohexane	4.587	56	54787	6.622	ug/l #	84
32) 1,1,1-Trichloroethane	4.513	97	69640	5.704	ug/l	94
36) 1,1-Dichloropropene	4.764	75	36504	4.973	ug/l	97
37) Ethyl Acetate	4.011	43	56880m	5.044	ug/l	
38) Carbon Tetrachloride	4.738	117	57163	5.242	ug/l	97
39) Methylcyclohexane	6.047	83	42430	5.429	ug/l	97
40) Benzene	5.018	78	142145	5.537	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111225\
 Data File : VV039372.D
 Acq On : 12 Nov 2025 14:01
 Operator : SY/MD
 Sample : Q3530-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Quant Time: Nov 14 00:22:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 00:16:53 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.191	41	13085	3.249	ug/l #	69
42) 1,2-Dichloroethane	5.053	62	58619	5.860	ug/l	86
43) Isopropyl Acetate	5.207	43	72328	4.814	ug/l #	94
44) Trichloroethene	5.841	130	38344	5.505	ug/l	92
45) 1,2-Dichloropropane	6.095	63	36150	5.205	ug/l	97
46) Dibromomethane	6.239	93	29826	5.340	ug/l	97
47) Bromodichloromethane	6.432	83	63859	5.279	ug/l	100
48) Methyl methacrylate	6.317	41	29059	4.153	ug/l	96
49) 1,4-Dioxane	6.310	88	8770m	81.380	ug/l	
51) 4-Methyl-2-Pentanone	7.149	43	285028	27.755	ug/l	92
52) Toluene	7.317	92	91299	5.676	ug/l	95
53) t-1,3-Dichloropropene	7.587	75	55890	5.370	ug/l	97
54) cis-1,3-Dichloropropene	6.956	75	56599	5.122	ug/l	98
55) 1,1,2-Trichloroethane	7.767	97	42674	5.240	ug/l	97
56) Ethyl methacrylate	7.725	69	46542	4.733	ug/l	95
57) 1,3-Dichloropropane	7.940	76	66061	5.274	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.821	63	76039	27.191	ug/l	100
59) 2-Hexanone	8.069	43	216983	29.564	ug/l	95
60) Dibromochloromethane	8.172	129	55187	5.288	ug/l	100
61) 1,2-Dibromoethane	8.281	107	42153	5.310	ug/l	100
64) Tetrachloroethene	7.902	164	34542	5.254	ug/l	96
65) Chlorobenzene	8.805	112	110297	5.208	ug/l	96
66) 1,1,1,2-Tetrachloroethane	8.898	131	47809	5.411	ug/l	95
67) Ethyl Benzene	8.940	91	154760	5.052	ug/l	100
68) m/p-Xylenes	9.066	106	112549	9.730	ug/l	96
69) o-Xylene	9.471	106	53793	4.915	ug/l	100
70) Styrene	9.493	104	90601	4.631	ug/l	98
71) Bromoform	9.657	173	44098	5.376	ug/l #	96
73) Isopropylbenzene	9.857	105	151307	4.944	ug/l	99
74) N-amyl acetate	9.731	43	59123	4.931	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.169	83	75678	5.678	ug/l	99
76) 1,2,3-Trichloropropane	10.201	75	50761	5.218	ug/l	98
77) Bromobenzene	10.146	156	53245	5.637	ug/l	96
78) n-propylbenzene	10.281	91	182645	5.210	ug/l	99
79) 2-Chlorotoluene	10.349	91	117267	5.226	ug/l	98
80) 1,3,5-Trimethylbenzene	10.464	105	122656	4.902	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	17898	4.932	ug/l	95
82) 4-Chlorotoluene	10.468	91	133152	5.307	ug/l	100
83) tert-Butylbenzene	10.789	119	137858	5.013	ug/l	100
84) 1,2,4-Trimethylbenzene	10.841	105	115653	4.745	ug/l	96
85) sec-Butylbenzene	11.011	105	163107	5.002	ug/l	100
86) p-Isopropyltoluene	11.168	119	142603	5.068	ug/l	98
87) 1,3-Dichlorobenzene	11.107	146	96748	5.340	ug/l	98
88) 1,4-Dichlorobenzene	11.197	146	106028	5.368	ug/l	96
89) n-Butylbenzene	11.583	91	123639	4.927	ug/l	96
90) Hexachloroethane	11.818	117	37028	5.280	ug/l	95
91) 1,2-Dichlorobenzene	11.570	146	93567	5.278	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.358	75	14355	5.239	ug/l	99
93) 1,2,4-Trichlorobenzene	13.188	180	55659	4.948	ug/l	97
94) Hexachlorobutadiene	13.368	225	32865	5.478	ug/l	96
95) Naphthalene	13.429	128	134146	4.450	ug/l	98
96) 1,2,3-Trichlorobenzene	13.670	180	56984	4.910	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111225\
Data File : VV039372.D
Acq On : 12 Nov 2025 14:01
Operator : SY/MD
Sample : Q3530-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

Quant Time: Nov 14 00:22:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 14 00:16:53 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

