

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW100625\
 Data File : VW039280.D
 Acq On : 06 Oct 2025 17:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 07 03:40:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	487019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	705972	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.777	117	702061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	464820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	304441	43.192	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	86.380%
35) Dibromofluoromethane	4.500	113	302272	53.260	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	106.520%
50) Toluene-d8	7.236	98	839907	50.388	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	100.780%
62) 4-Bromofluorobenzene	9.998	95	412837	60.162	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	120.320%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	326983	42.413	ug/l	96
3) Chloromethane	1.230	50	340887	41.188	ug/l	99
4) Vinyl Chloride	1.294	62	393225	44.380	ug/l	100
5) Bromomethane	1.494	94	270703	48.465	ug/l	100
6) Chloroethane	1.558	64	254345	48.661	ug/l	97
7) Trichlorofluoromethane	1.725	101	630746	49.169	ug/l	99
8) Diethyl Ether	1.918	74	234638	49.270	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.082	101	390366	51.143	ug/l	96
10) Methyl Iodide	2.198	142	327133	45.006	ug/l	99
11) Tert butyl alcohol	2.568	59	390881	262.381	ug/l	99
12) 1,1-Dichloroethene	2.082	96	357348	48.665	ug/l	93
13) Acrolein	2.011	56	25051	96.908	ug/l	97
14) Allyl chloride	2.359	41	591404	45.088	ug/l	96
15) Acrylonitrile	2.674	53	1189096	248.993	ug/l	99
16) Acetone	2.118	43	1036472	236.951	ug/l	96
17) Carbon Disulfide	2.253	76	907600	40.415	ug/l	99
18) Methyl Acetate	2.378	43	624162	59.765	ug/l	94
19) Methyl tert-butyl Ether	2.712	73	1233024	52.696	ug/l	99
20) Methylene Chloride	2.455	84	421788	55.816	ug/l	93
21) trans-1,2-Dichloroethene	2.700	96	381868	48.850	ug/l	94
22) Diisopropyl ether	3.214	45	1221221	48.662	ug/l	90
23) Vinyl Acetate	3.188	43	5177506	235.841	ug/l	97
24) 1,1-Dichloroethane	3.118	63	742190	48.361	ug/l	99
25) 2-Butanone	3.864	43	1406024	249.105	ug/l	96
26) 2,2-Dichloropropane	3.812	77	586855	43.127	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	426922	49.519	ug/l	96
28) Bromochloromethane	4.146	49	349803	51.631	ug/l	89
29) Tetrahydrofuran	4.233	42	927401	262.503	ug/l	97
30) Chloroform	4.278	83	777967	48.546	ug/l	99
31) Cyclohexane	4.584	56	534585	42.522	ug/l	98
32) 1,1,1-Trichloroethane	4.513	97	672311	48.459	ug/l	98
36) 1,1-Dichloropropene	4.745	75	473509	55.183	ug/l	98
37) Ethyl Acetate	3.973	43	552536	53.067	ug/l	98
38) Carbon Tetrachloride	4.732	117	575411	54.869	ug/l	99
39) Methylcyclohexane	6.047	83	549178	52.998	ug/l	99
40) Benzene	5.008	78	1544294	55.268	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	248035	52.585	ug/l	95
42) 1,2-Dichloroethane	5.037	62	522922	53.411	ug/l	97
43) Isopropyl Acetate	5.191	43	809330	57.009	ug/l	99
44) Trichloroethene	5.831	130	372507	57.773	ug/l	98
45) 1,2-Dichloropropane	6.088	63	399099	57.464	ug/l	100
46) Dibromomethane	6.224	93	303839	57.159	ug/l	95
47) Bromodichloromethane	6.426	83	628123	57.158	ug/l	99
48) Methyl methacrylate	6.294	41	386754	60.098	ug/l	97
49) 1,4-Dioxane	6.288	88	119109	1146.904	ug/l	94
51) 4-Methyl-2-Pentanone	7.146	43	2942748	315.081	ug/l	97
52) Toluene	7.307	92	1000240	61.740	ug/l	98
53) t-1,3-Dichloropropene	7.571	75	570469	59.567	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	636551	60.208	ug/l	98
55) 1,1,2-Trichloroethane	7.757	97	423497	58.299	ug/l	98
56) Ethyl methacrylate	7.715	69	569925	66.065	ug/l	95
57) 1,3-Dichloropropane	7.934	76	671771	58.598	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	1127047	232.093	ug/l	96
59) 2-Hexanone	8.063	43	2170156	287.508	ug/l	97
60) Dibromochloromethane	8.166	129	496796	60.020	ug/l	99
61) 1,2-Dibromoethane	8.272	107	450946	60.701	ug/l	99
64) Tetrachloroethene	7.896	164	332528	56.549	ug/l	99
65) Chlorobenzene	8.802	112	1098609	56.179	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.895	131	414588	58.674	ug/l	99
67) Ethyl Benzene	8.937	91	1809994	61.145	ug/l	99
68) m/p-Xylenes	9.063	106	1492133	130.602	ug/l	99
69) o-Xylene	9.468	106	665983	65.834	ug/l	98
70) Styrene	9.484	104	1260425	58.613	ug/l	99
71) Bromoform	9.654	173	349007	63.234	ug/l	99
73) Isopropylbenzene	9.854	105	1843402	54.678	ug/l	99
74) N-amyl acetate	9.722	43	738404	54.909	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.166	83	700355	47.412	ug/l	99
76) 1,2,3-Trichloropropane	10.194	75	534276	50.483	ug/l	97
77) Bromobenzene	10.140	156	465323	53.199	ug/l	96
78) n-propylbenzene	10.275	91	2239723	54.554	ug/l	98
79) 2-Chlorotoluene	10.346	91	1358168	55.286	ug/l	99
80) 1,3,5-Trimethylbenzene	10.465	105	1610850	57.485	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	225107	51.063	ug/l	98
82) 4-Chlorotoluene	10.461	91	1603394	56.287	ug/l	98
83) tert-Butylbenzene	10.789	119	1515819	54.248	ug/l	100
84) 1,2,4-Trimethylbenzene	10.838	105	1597202	58.709	ug/l	99
85) sec-Butylbenzene	11.011	105	1976368	53.326	ug/l	99
86) p-Isopropyltoluene	11.165	119	1689565	54.772	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	935271	52.833	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	971819	50.039	ug/l	99
89) n-Butylbenzene	11.577	91	1582057	53.701	ug/l	99
90) Hexachloroethane	11.818	117	347576	45.757	ug/l	97
91) 1,2-Dichlorobenzene	11.567	146	872812	52.773	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	145953	54.673	ug/l	94
93) 1,2,4-Trichlorobenzene	13.185	180	522752	55.138	ug/l	98
94) Hexachlorobutadiene	13.368	225	229420	46.571	ug/l	99
95) Naphthalene	13.423	128	1891893	61.739	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	543615	56.063	ug/l	99

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

