

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
 Data File : VW032320.D
 Acq On : 01 Oct 2025 16:04
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100125

Quant Time: Oct 02 21:27:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
 Supervised By :Semsettin Yesilyurt 10/03/2025

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	286648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	542900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	498213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	235528	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	211714	50.638	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	101.280%
35) Dibromofluoromethane	7.904	113	172657	49.108	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	98.220%
50) Toluene-d8	10.325	98	645322	49.731	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	99.460%
62) 4-Bromofluorobenzene	12.617	95	236491	48.218	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	96.440%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	84688	47.081	ug/l	96
3) Chloromethane	2.259	50	138637	49.950	ug/l	96
4) Vinyl Chloride	2.405	62	159289	48.072	ug/l	97
5) Bromomethane	2.826	94	115275	47.340	ug/l	97
6) Chloroethane	2.972	64	106181	48.536	ug/l	97
7) Trichlorofluoromethane	3.314	101	123819	49.907	ug/l	98
8) Diethyl Ether	3.722	74	106705	49.634	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.094	101	143716	48.296	ug/l	93
10) Methyl Iodide	4.320	142	201132	47.371	ug/l	100
11) Tert butyl alcohol	5.228	59	77891	246.126	ug/l	97
12) 1,1-Dichloroethene	4.082	96	160883	49.800	ug/l	95
13) Acrolein	3.930	56	119840	233.328	ug/l	99
14) Allyl chloride	4.704	41	271835	49.818	ug/l	88
15) Acrylonitrile	5.405	53	288801	258.222	ug/l	100
16) Acetone	4.161	43	264871	228.796	ug/l	100
17) Carbon Disulfide	4.429	76	436417	49.511	ug/l	100
18) Methyl Acetate	4.710	43	179271	54.058	ug/l	96
19) Methyl tert-butyl Ether	5.466	73	326683	51.342	ug/l	95
20) Methylene Chloride	4.954	84	194169	50.746	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	180820	50.555	ug/l	98
22) Diisopropyl ether	6.344	45	581042	51.202	ug/l	95
23) Vinyl Acetate	6.283	43	1998017	263.598	ug/l	100
24) 1,1-Dichloroethane	6.246	63	344370	49.949	ug/l	99
25) 2-Butanone	7.197	43	399441	253.341	ug/l	97
26) 2,2-Dichloropropane	7.191	77	171137	48.528	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	218943	50.954	ug/l	94
28) Bromochloromethane	7.533	49	164051	50.575	ug/l	85
29) Tetrahydrofuran	7.551	42	265382	267.648	ug/l	94
30) Chloroform	7.691	83	356459	50.980	ug/l	98
31) Cyclohexane	7.971	56	283574	48.179	ug/l	99
32) 1,1,1-Trichloroethane	7.892	97	247681	49.989	ug/l	98
36) 1,1-Dichloropropene	8.100	75	246414	49.661	ug/l	98
37) Ethyl Acetate	7.276	43	171315	51.871	ug/l	100
38) Carbon Tetrachloride	8.081	117	231677	49.617	ug/l	96
39) Methylcyclohexane	9.343	83	308455	51.537	ug/l	96
40) Benzene	8.337	78	758892	48.794	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	101959	57.284	ug/l #	85
42) 1,2-Dichloroethane	8.416	62	247842	48.701	ug/l	99
43) Isopropyl Acetate	8.435	43	303946	51.877	ug/l	100
44) Trichloroethene	9.105	130	178095	48.904	ug/l	87
45) 1,2-Dichloropropane	9.374	63	191384	49.299	ug/l	97
46) Dibromomethane	9.465	93	118979	49.841	ug/l	94
47) Bromodichloromethane	9.654	83	273884	50.162	ug/l	99
48) Methyl methacrylate	9.441	41	150648	52.884	ug/l #	91
49) 1,4-Dioxane	9.465	88	34528	1058.229	ug/l	98
51) 4-Methyl-2-Pentanone	10.215	43	878208	258.790	ug/l	100
52) Toluene	10.392	92	484871	50.061	ug/l	95
53) t-1,3-Dichloropropene	10.611	75	271391	51.234	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	306358	50.209	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	159106	49.869	ug/l	99
56) Ethyl methacrylate	10.648	69	233853	52.367	ug/l	93
57) 1,3-Dichloropropane	10.934	76	278336	49.394	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	658757	277.181	ug/l	96
59) 2-Hexanone	10.971	43	627586	262.215	ug/l	99
60) Dibromochloromethane	11.136	129	181813	50.187	ug/l	98
61) 1,2-Dibromoethane	11.239	107	154714	49.732	ug/l	99
64) Tetrachloroethene	10.867	164	147899	49.611	ug/l	96
65) Chlorobenzene	11.660	112	535619	48.862	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	166082	48.644	ug/l	99
67) Ethyl Benzene	11.733	91	922981	50.513	ug/l	100
68) m/p-Xylenes	11.837	106	699490	99.276	ug/l	99
69) o-Xylene	12.166	106	332905	50.523	ug/l	100
70) Styrene	12.178	104	594393	51.667	ug/l	97
71) Bromoform	12.349	173	100214	51.207	ug/l #	97
73) Isopropylbenzene	12.465	105	839135	52.076	ug/l	100
74) N-amyl acetate	12.269	43	276033	53.697	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	203339	50.822	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	157491m	50.813	ug/l	
77) Bromobenzene	12.745	156	196776	50.659	ug/l	87
78) n-propylbenzene	12.800	91	1039770	51.657	ug/l	98
79) 2-Chlorotoluene	12.891	91	631196	51.287	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	729628	52.365	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.513	75	66508	54.360	ug/l	91
82) 4-Chlorotoluene	12.989	91	663842	50.734	ug/l	100
83) tert-Butylbenzene	13.202	119	611748	53.510	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	729966	51.522	ug/l	99
85) sec-Butylbenzene	13.379	105	904532	51.774	ug/l	99
86) p-Isopropyltoluene	13.495	119	763912	52.697	ug/l	99
87) 1,3-Dichlorobenzene	13.501	146	397346	50.518	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	380433	48.372	ug/l	97
89) n-Butylbenzene	13.818	91	748452	52.880	ug/l	99
90) Hexachloroethane	14.086	117	134862	51.903	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	347039	48.810	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	36524	52.139	ug/l	88
93) 1,2,4-Trichlorobenzene	15.129	180	218198	51.178	ug/l	93
94) Hexachlorobutadiene	15.232	225	90599	46.478	ug/l	87
95) Naphthalene	15.360	128	572147	55.881	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	206623	51.417	ug/l	98

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

