

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
 Data File : VW032413.D
 Acq On : 10 Nov 2025 17:44
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW111025

Quant Time: Nov 11 03:51:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
 Supervised By :Semsettin Yesilyurt 11/11/2025

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	457772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	826297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	742649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	335568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	292374	49.540	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	99.080%		
35) Dibromofluoromethane	7.898	113	246711	49.868	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	99.740%		
50) Toluene-d8	10.325	98	943721	49.724	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	99.440%		
62) 4-Bromofluorobenzene	12.617	95	362720	50.591	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	101.180%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	103260	44.460	ug/l	97
3) Chloromethane	2.253	50	191682	48.149	ug/l	100
4) Vinyl Chloride	2.405	62	236975	47.166	ug/l	95
5) Bromomethane	2.826	94	161727	48.121	ug/l	98
6) Chloroethane	2.966	64	157091	47.790	ug/l	99
7) Trichlorofluoromethane	3.308	101	198210	50.318	ug/l	93
8) Diethyl Ether	3.722	74	155105	48.160	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	203133	47.339	ug/l	99
10) Methyl Iodide	4.314	142	345049	49.926	ug/l	97
11) Tert butyl alcohol	5.210	59	123907	242.799	ug/l	100
12) 1,1-Dichloroethene	4.082	96	232539	47.260	ug/l	97
13) Acrolein	3.930	56	205590	240.111	ug/l	100
14) Allyl chloride	4.710	41	463711	49.007	ug/l	99
15) Acrylonitrile	5.405	53	461322	247.743	ug/l	100
16) Acetone	4.161	43	446031	252.613	ug/l	99
17) Carbon Disulfide	4.423	76	712178	48.971	ug/l	99
18) Methyl Acetate	4.710	43	222685	50.930	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	521562	50.286	ug/l	99
20) Methylene Chloride	4.960	84	292767	46.365	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	264891	47.082	ug/l	99
22) Diisopropyl ether	6.338	45	949736	49.298	ug/l	99
23) Vinyl Acetate	6.283	43	3293228	249.500	ug/l	99
24) 1,1-Dichloroethane	6.246	63	510813	48.395	ug/l	98
25) 2-Butanone	7.191	43	649663	249.748	ug/l	100
26) 2,2-Dichloropropane	7.191	77	278144	47.283	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	326672	48.593	ug/l	100
28) Bromochloromethane	7.533	49	238363	47.780	ug/l	97
29) Tetrahydrofuran	7.551	42	415747	251.809	ug/l	99
30) Chloroform	7.697	83	496469	48.047	ug/l	98
31) Cyclohexane	7.972	56	441733	45.242	ug/l	99
32) 1,1,1-Trichloroethane	7.892	97	359677	48.726	ug/l	100
36) 1,1-Dichloropropene	8.100	75	354738	48.666	ug/l	99
37) Ethyl Acetate	7.277	43	273800	50.514	ug/l	99
38) Carbon Tetrachloride	8.087	117	311936	48.162	ug/l	96
39) Methylcyclohexane	9.343	83	450888	47.748	ug/l	89
40) Benzene	8.337	78	1144488	48.756	ug/l	97

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41) Methacrylonitrile	7.502	41	152683	51.279	ug/l	98
42) 1,2-Dichloroethane	8.410	62	338257	49.058	ug/l	99
43) Isopropyl Acetate	8.435	43	482186	50.240	ug/l	100
44) Trichloroethene	9.099	130	256771	47.008	ug/l	98
45) 1,2-Dichloropropane	9.374	63	284966	48.753	ug/l	100
46) Dibromomethane	9.465	93	170725	49.983	ug/l	97
47) Bromodichloromethane	9.648	83	381617	48.979	ug/l	96
48) Methyl methacrylate	9.441	41	226548	49.674	ug/l	95
49) 1,4-Dioxane	9.465	88	46205	965.638	ug/l #	99
51) 4-Methyl-2-Pentanone	10.209	43	1355743	255.521	ug/l	99
52) Toluene	10.392	92	697639	48.115	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	398178	49.622	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	460102	49.583	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	223598	47.719	ug/l	98
56) Ethyl methacrylate	10.648	69	367486	51.114	ug/l	99
57) 1,3-Dichloropropane	10.934	76	411537	49.175	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	949029	247.869	ug/l	99
59) 2-Hexanone	10.965	43	984290	253.559	ug/l	100
60) Dibromochloromethane	11.129	129	255752	48.876	ug/l	98
61) 1,2-Dibromoethane	11.233	107	225223	49.350	ug/l	99
64) Tetrachloroethene	10.861	164	210025	47.757	ug/l	90
65) Chlorobenzene	11.654	112	772847	48.283	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	234293	47.296	ug/l	97
67) Ethyl Benzene	11.727	91	1336202	48.245	ug/l	95
68) m/p-Xylenes	11.837	106	1020533	98.139	ug/l	99
69) o-Xylene	12.166	106	485568	48.767	ug/l	98
70) Styrene	12.178	104	858740	50.136	ug/l	98
71) Bromoform	12.349	173	147519	50.276	ug/l #	95
73) Isopropylbenzene	12.459	105	1201571	48.754	ug/l	99
74) N-amyl acetate	12.270	43	439444	51.313	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	289144	49.435	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	209388m	45.507	ug/l	
77) Bromobenzene	12.745	156	290897	49.852	ug/l	98
78) n-propylbenzene	12.800	91	1506843	50.206	ug/l	98
79) 2-Chlorotoluene	12.891	91	908334	49.577	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	1005706	49.463	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	102563	51.055	ug/l	99
82) 4-Chlorotoluene	12.983	91	944717	49.575	ug/l	99
83) tert-Butylbenzene	13.202	119	883415	49.947	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	1029723	49.793	ug/l	100
85) sec-Butylbenzene	13.379	105	1278459	48.534	ug/l	98
86) p-Isopropyltoluene	13.495	119	1070542	49.222	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	546952	49.439	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	549573	48.488	ug/l	99
89) n-Butylbenzene	13.818	91	1036054	48.759	ug/l	99
90) Hexachloroethane	14.086	117	191658	48.875	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	491597	48.405	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	50261	49.882	ug/l	99
93) 1,2,4-Trichlorobenzene	15.123	180	322348	49.877	ug/l	96
94) Hexachlorobutadiene	15.232	225	137633	51.267	ug/l	97
95) Naphthalene	15.360	128	806082	50.016	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	290012	49.427	ug/l	93

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

