

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032052.D
 Acq On : 11 Aug 2025 08:25
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 12 03:36:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 03:34:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

08/12/2025
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	225574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	424617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	391234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	196943	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.313	65	16827	5.158	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	10.320%#
35) Dibromofluoromethane	7.898	113	14278	5.205	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	10.400%#
50) Toluene-d8	10.331	98	49876	4.916	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	9.840%#
62) 4-Bromofluorobenzene	12.617	95	18184	4.863	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	9.720%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	9007	5.583	ug/l	100
3) Chloromethane	2.253	50	12377	5.695	ug/l	95
4) Vinyl Chloride	2.399	62	14029	5.337	ug/l	91
5) Bromomethane	2.826	94	10878	5.516	ug/l	95
6) Chloroethane	2.966	64	9219	5.300	ug/l	98
7) Trichlorofluoromethane	3.302	101	12298	5.840	ug/l	94
8) Diethyl Ether	3.716	74	8824	5.114	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	13903	5.596	ug/l	94
10) Methyl Iodide	4.301	142	17789	5.050	ug/l	99
11) Tert butyl alcohol	5.222	59	5328	25.221	ug/l	94
12) 1,1-Dichloroethene	4.076	96	14655	5.357	ug/l	94
13) Acrolein	3.929	56	9831	29.207	ug/l	89
14) Allyl chloride	4.698	41	19999	5.023	ug/l	98
15) Acrylonitrile	5.399	53	20340	24.751	ug/l	99
16) Acetone	4.161	43	22915	30.337	ug/l	99
17) Carbon Disulfide	4.417	76	38213	5.204	ug/l	96
18) Methyl Acetate	4.704	43	10943	4.578	ug/l #	76
19) Methyl tert-butyl Ether	5.460	73	23062	4.785	ug/l	99
20) Methylene Chloride	4.954	84	23529	6.737	ug/l	96
21) trans-1,2-Dichloroethene	5.454	96	14671	5.053	ug/l	93
22) Diisopropyl ether	6.338	45	38895	4.634	ug/l	94
23) Vinyl Acetate	6.283	43	124477	22.588	ug/l	98
24) 1,1-Dichloroethane	6.246	63	26909	5.018	ug/l	99
25) 2-Butanone	7.197	43	26284	24.484	ug/l	100
26) 2,2-Dichloropropane	7.185	77	14330	5.326	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	16041	4.727	ug/l	98
28) Bromochloromethane	7.526	49	12660	5.188	ug/l	98
29) Tetrahydrofuran	7.551	42	16965	23.963	ug/l	96
30) Chloroform	7.691	83	28586	5.028	ug/l	99
31) Cyclohexane	7.959	56	26393	5.677	ug/l #	83
32) 1,1,1-Trichloroethane	7.880	97	21662	5.246	ug/l	96
36) 1,1-Dichloropropene	8.099	75	19468	5.034	ug/l	99
37) Ethyl Acetate	7.276	43	11365	4.990	ug/l	99
38) Carbon Tetrachloride	8.081	117	18734	5.020	ug/l	92
39) Methylcyclohexane	9.337	83	22284	4.728	ug/l	94
40) Benzene	8.331	78	59395	4.941	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.496	41	5910	4.576	ug/l	#	95
42) 1,2-Dichloroethane	8.410	62	19560	5.085	ug/l		99
43) Isopropyl Acetate	8.435	43	19928	4.756	ug/l		98
44) Trichloroethene	9.093	130	14999	5.240	ug/l		93
45) 1,2-Dichloropropane	9.374	63	14387	4.954	ug/l		98
46) Dibromomethane	9.465	93	9753	5.204	ug/l		97
47) Bromodichloromethane	9.648	83	21279	4.927	ug/l		100
48) Methyl methacrylate	9.441	41	8949	4.424	ug/l		97
49) 1,4-Dioxane	9.465	88	2259	93.217	ug/l	#	85
51) 4-Methyl-2-Pentanone	10.215	43	56184	23.755	ug/l		98
52) Toluene	10.386	92	35525	4.692	ug/l		96
53) t-1,3-Dichloropropene	10.611	75	18259	4.513	ug/l		100
54) cis-1,3-Dichloropropene	10.075	75	21173	4.612	ug/l		97
55) 1,1,2-Trichloroethane	10.788	97	12594	5.057	ug/l		95
56) Ethyl methacrylate	10.648	69	14387	4.317	ug/l		95
57) 1,3-Dichloropropane	10.934	76	21654	4.988	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	41991	22.777	ug/l		98
59) 2-Hexanone	10.971	43	37796	23.074	ug/l		95
60) Dibromochloromethane	11.129	129	13654	4.799	ug/l		98
61) 1,2-Dibromoethane	11.239	107	11992	4.955	ug/l		100
64) Tetrachloroethene	10.861	164	11449	5.066	ug/l		93
65) Chlorobenzene	11.654	112	43515	5.110	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.733	131	13037	4.907	ug/l		98
67) Ethyl Benzene	11.727	91	67071	4.650	ug/l		97
68) m/p-Xylenes	11.837	106	50482	9.070	ug/l		96
69) o-Xylene	12.166	106	22602	4.393	ug/l		97
70) Styrene	12.178	104	39288	4.300	ug/l		98
71) Bromoform	12.349	173	7283	4.792	ug/l	#	95
73) Isopropylbenzene	12.458	105	57306	4.164	ug/l		98
74) N-amyl acetate	12.269	43	16327	4.135	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.708	83	15805	4.836	ug/l		98
76) 1,2,3-Trichloropropane	12.763	75	13829m	4.568	ug/l		
77) Bromobenzene	12.745	156	14698	4.471	ug/l		97
78) n-propylbenzene	12.800	91	72140	4.257	ug/l		99
79) 2-Chlorotoluene	12.885	91	46879	4.483	ug/l		98
80) 1,3,5-Trimethylbenzene	12.940	105	49607	4.245	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.513	75	4520	4.378	ug/l		92
82) 4-Chlorotoluene	12.983	91	50782	4.570	ug/l		100
83) tert-Butylbenzene	13.202	119	39993	4.124	ug/l		98
84) 1,2,4-Trimethylbenzene	13.245	105	49891	4.194	ug/l		100
85) sec-Butylbenzene	13.379	105	64254	4.382	ug/l		98
86) p-Isopropyltoluene	13.495	119	51939	4.249	ug/l		97
87) 1,3-Dichlorobenzene	13.495	146	30445	4.654	ug/l		94
88) 1,4-Dichlorobenzene	13.574	146	32554	4.925	ug/l		95
89) n-Butylbenzene	13.818	91	51328	4.323	ug/l		99
90) Hexachloroethane	14.086	117	10372	4.640	ug/l		99
91) 1,2-Dichlorobenzene	13.867	146	28653	4.836	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	2976	5.123	ug/l		93
93) 1,2,4-Trichlorobenzene	15.123	180	15646	4.414	ug/l		99
94) Hexachlorobutadiene	15.226	225	8109	5.118	ug/l		98
95) Naphthalene	15.360	128	34667	3.991	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	14053	4.357	ug/l		92

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

