

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032536.D
 Acq On : 26 Nov 2025 12:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 27 00:21:49 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 : Semsettin
 Yesilyurt

12/01/2025
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	353885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	632151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	586351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	285431	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	253656	55.597	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 111.200%	
35) Dibromofluoromethane	7.898	113	204103	53.926	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 107.860%	
50) Toluene-d8	10.324	98	777892	53.574	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 107.140%	
62) 4-Bromofluorobenzene	12.617	95	290681	52.995	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 106.000%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.039	85	100134	55.770	ug/l	97
3) Chloromethane	2.253	50	173312	56.315	ug/l	97
4) Vinyl Chloride	2.405	62	223388	57.514	ug/l	99
5) Bromomethane	2.826	94	146647	56.444	ug/l	99
6) Chloroethane	2.966	64	144375	56.815	ug/l	100
7) Trichlorofluoromethane	3.301	101	162899	53.494	ug/l	94
8) Diethyl Ether	3.722	74	134377	53.973	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	200808	60.535	ug/l	97
10) Methyl Iodide	4.301	142	280410	52.484	ug/l	98
11) Tert butyl alcohol	5.215	59	90242	228.743	ug/l	99
12) 1,1-Dichloroethene	4.069	96	219663	57.749	ug/l	92
13) Acrolein	3.929	56	71634	108.222	ug/l	99
14) Allyl chloride	4.703	41	405679	55.460	ug/l	95
15) Acrylonitrile	5.398	53	381262	264.854	ug/l	99
16) Acetone	4.155	43	356355	261.073	ug/l	97
17) Carbon Disulfide	4.417	76	603023	53.638	ug/l	97
18) Methyl Acetate	4.703	43	205179	60.702	ug/l	99
19) Methyl tert-butyl Ether	5.459	73	421796	52.605	ug/l	99
20) Methylene Chloride	4.947	84	259171	53.093	ug/l	97
21) trans-1,2-Dichloroethene	5.453	96	241695	55.570	ug/l	97
22) Diisopropyl ether	6.337	45	838393	56.293	ug/l	97
23) Vinyl Acetate	6.276	43	2809322	275.320	ug/l	98
24) 1,1-Dichloroethane	6.240	63	470680	57.683	ug/l	98
25) 2-Butanone	7.191	43	506744	251.994	ug/l	99
26) 2,2-Dichloropropane	7.179	77	252133	55.444	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	284842	54.809	ug/l	96
28) Bromochloromethane	7.532	49	210332	54.538	ug/l	94
29) Tetrahydrofuran	7.550	42	339596	266.067	ug/l	98
30) Chloroform	7.691	83	474613	59.416	ug/l	99
31) Cyclohexane	7.965	56	402758	53.360	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	331155	58.032	ug/l	97
36) 1,1-Dichloropropene	8.093	75	329519	59.090	ug/l	98
37) Ethyl Acetate	7.270	43	228169	55.024	ug/l	98
38) Carbon Tetrachloride	8.081	117	305909	61.737	ug/l	90
39) Methylcyclohexane	9.337	83	406914	56.326	ug/l	93
40) Benzene	8.337	78	1027690	57.226	ug/l	99

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41) Methacrylonitrile	7.496	41	118366	51.962	ug/l	98
42) 1,2-Dichloroethane	8.410	62	321088	60.870	ug/l	97
43) Isopropyl Acetate	8.434	43	404559	55.098	ug/l	99
44) Trichloroethene	9.099	130	230022	55.044	ug/l	98
45) 1,2-Dichloropropane	9.373	63	262731	58.754	ug/l	99
46) Dibromomethane	9.465	93	151373	57.928	ug/l	99
47) Bromodichloromethane	9.648	83	357194	59.924	ug/l	93
48) Methyl methacrylate	9.440	41	203688	58.378	ug/l	97
49) 1,4-Dioxane	9.459	88	38085	1040.386	ug/l #	92
51) 4-Methyl-2-Pentanone	10.208	43	1162333	286.349	ug/l	98
52) Toluene	10.385	92	644751	58.124	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	348787	56.816	ug/l	96
54) cis-1,3-Dichloropropene	10.074	75	408430	57.532	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	200992	56.068	ug/l	98
56) Ethyl methacrylate	10.647	69	302586	55.013	ug/l	97
57) 1,3-Dichloropropane	10.934	76	369138	57.655	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	786217	268.411	ug/l	99
59) 2-Hexanone	10.964	43	814669	274.316	ug/l	97
60) Dibromochloromethane	11.129	129	232841	58.163	ug/l	100
61) 1,2-Dibromoethane	11.233	107	194929	55.830	ug/l	100
64) Tetrachloroethene	10.861	164	195430	56.283	ug/l #	83
65) Chlorobenzene	11.659	112	680746	53.865	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.726	131	215135	55.005	ug/l	98
67) Ethyl Benzene	11.726	91	1239569	56.686	ug/l	100
68) m/p-Xylenes	11.836	106	906489	110.409	ug/l	96
69) o-Xylene	12.165	106	435488	55.396	ug/l	99
70) Styrene	12.178	104	773278	57.181	ug/l	99
71) Bromoform	12.348	173	122869	53.038	ug/l #	100
73) Isopropylbenzene	12.458	105	1118323	53.347	ug/l	98
74) N-amyl acetate	12.269	43	369695	50.751	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	258804	52.021	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	186218m	47.581	ug/l	
77) Bromobenzene	12.745	156	258573	52.097	ug/l	96
78) n-propylbenzene	12.799	91	1416555	55.488	ug/l	98
79) 2-Chlorotoluene	12.885	91	846639	54.326	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	964429	55.765	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	87439	51.172	ug/l	94
82) 4-Chlorotoluene	12.982	91	864480	53.333	ug/l	99
83) tert-Butylbenzene	13.202	119	792168	52.655	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	952843	54.168	ug/l	99
85) sec-Butylbenzene	13.379	105	1193114	53.250	ug/l	99
86) p-Isopropyltoluene	13.494	119	976186	52.768	ug/l	99
87) 1,3-Dichlorobenzene	13.494	146	525128	55.803	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	505802	52.465	ug/l	99
89) n-Butylbenzene	13.818	91	984921	54.495	ug/l	99
90) Hexachloroethane	14.086	117	176857	53.023	ug/l	95
91) 1,2-Dichlorobenzene	13.866	146	462168	53.501	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.476	75	43093	50.280	ug/l	94
93) 1,2,4-Trichlorobenzene	15.128	180	276099	50.225	ug/l	98
94) Hexachlorobutadiene	15.226	225	119925	52.517	ug/l	97
95) Naphthalene	15.360	128	657110	47.934	ug/l	100
96) 1,2,3-Trichlorobenzene	15.543	180	261370	52.370	ug/l	93

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

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