

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
 Data File : VW032339.D
 Acq On : 03 Oct 2025 09:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

10/06/2025
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Oct 04 04:56:50 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

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	275706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	492762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	456443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	225457	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	197832	49.196	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	98.400%
35) Dibromofluoromethane	7.898	113	162268	50.849	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	101.700%
50) Toluene-d8	10.325	98	610504	51.835	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	103.660%
62) 4-Bromofluorobenzene	12.617	95	230099	51.688	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	103.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	74115	42.839	ug/l	98
3) Chloromethane	2.253	50	118976	44.568	ug/l	100
4) Vinyl Chloride	2.405	62	167510	52.559	ug/l	99
5) Bromomethane	2.820	94	118267	50.496	ug/l	97
6) Chloroethane	2.966	64	107846	51.254	ug/l	100
7) Trichlorofluoromethane	3.302	101	116012	48.616	ug/l	94
8) Diethyl Ether	3.716	74	108700	52.568	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.094	101	148234	51.791	ug/l	94
10) Methyl Iodide	4.308	142	224973	55.089	ug/l	98
11) Tert butyl alcohol	5.210	59	78377	257.490	ug/l	97
12) 1,1-Dichloroethene	4.076	96	164602	52.973	ug/l	90
13) Acrolein	3.923	56	104268	211.066	ug/l	99
14) Allyl chloride	4.704	41	281065	53.554	ug/l	90
15) Acrylonitrile	5.393	53	275712	256.302	ug/l	99
16) Acetone	4.155	43	281838	253.114	ug/l	99
17) Carbon Disulfide	4.417	76	459943	54.250	ug/l	100
18) Methyl Acetate	4.704	43	140838	44.154	ug/l	97
19) Methyl tert-butyl Ether	5.460	73	332228	54.285	ug/l	97
20) Methylene Chloride	4.948	84	211067	58.131	ug/l	94
21) trans-1,2-Dichloroethene	5.460	96	184168	53.534	ug/l	97
22) Diisopropyl ether	6.338	45	590351	54.087	ug/l	93
23) Vinyl Acetate	6.277	43	2004159	274.902	ug/l	99
24) 1,1-Dichloroethane	6.240	63	346574	52.264	ug/l	99
25) 2-Butanone	7.191	43	375249	247.443	ug/l	100
26) 2,2-Dichloropropane	7.185	77	185910	54.809	ug/l	100
27) cis-1,2-Dichloroethene	7.185	96	218882	52.962	ug/l	93
28) Bromochloromethane	7.526	49	157086	50.350	ug/l	88
29) Tetrahydrofuran	7.551	42	242680	254.466	ug/l	95
30) Chloroform	7.691	83	367840	54.696	ug/l	98
31) Cyclohexane	7.965	56	283633	50.102	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	260061	54.571	ug/l	99
36) 1,1-Dichloropropene	8.093	75	247037	54.852	ug/l	99
37) Ethyl Acetate	7.270	43	161434	53.852	ug/l	97
38) Carbon Tetrachloride	8.075	117	231384	54.597	ug/l	98
39) Methylcyclohexane	9.343	83	300835	55.378	ug/l	97
40) Benzene	8.331	78	772626	54.732	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	95282	58.979	ug/l	87
42) 1,2-Dichloroethane	8.410	62	251106	54.363	ug/l	100
43) Isopropyl Acetate	8.435	43	290322	54.594	ug/l	99
44) Trichloroethene	9.099	130	175032	52.953	ug/l	98
45) 1,2-Dichloropropane	9.374	63	192621	54.666	ug/l	97
46) Dibromomethane	9.465	93	119456	55.133	ug/l	94
47) Bromodichloromethane	9.648	83	275972	55.687	ug/l	100
48) Methyl methacrylate	9.441	41	138248	53.469	ug/l #	92
49) 1,4-Dioxane	9.459	88	30303	1023.238	ug/l	90
51) 4-Methyl-2-Pentanone	10.209	43	836948	271.726	ug/l	98
52) Toluene	10.392	92	489119	55.638	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	269570	56.068	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	304123	54.914	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	157524	54.397	ug/l	96
56) Ethyl methacrylate	10.648	69	225639	55.669	ug/l	93
57) 1,3-Dichloropropane	10.934	76	280771	54.896	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	614096	284.680	ug/l	95
59) 2-Hexanone	10.965	43	582275	268.038	ug/l	100
60) Dibromochloromethane	11.129	129	174875	53.184	ug/l	94
61) 1,2-Dibromoethane	11.239	107	151283	53.577	ug/l	99
64) Tetrachloroethene	10.861	164	137947	50.507	ug/l	93
65) Chlorobenzene	11.660	112	535356	53.307	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	165857	53.023	ug/l	97
67) Ethyl Benzene	11.727	91	931216	55.627	ug/l	99
68) m/p-Xylenes	11.837	106	718283	111.272	ug/l	100
69) o-Xylene	12.166	106	339821	56.292	ug/l	99
70) Styrene	12.178	104	583617	55.373	ug/l	100
71) Bromoform	12.349	173	93024	51.883	ug/l #	98
73) Isopropylbenzene	12.458	105	836649	54.241	ug/l	99
74) N-amyl acetate	12.270	43	262756	53.398	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	196881	51.406	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	147025m	49.555	ug/l	
77) Bromobenzene	12.745	156	200397	53.896	ug/l	92
78) n-propylbenzene	12.800	91	1058560	54.940	ug/l	97
79) 2-Chlorotoluene	12.885	91	641871	54.484	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	724225	54.299	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	63642	54.341	ug/l	94
82) 4-Chlorotoluene	12.989	91	672167	53.665	ug/l	99
83) tert-Butylbenzene	13.202	119	619939	56.649	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	733435	54.079	ug/l	100
85) sec-Butylbenzene	13.379	105	907595	54.270	ug/l	99
86) p-Isopropyltoluene	13.495	119	776020	55.923	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	403770	53.628	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	375840	49.923	ug/l	98
89) n-Butylbenzene	13.818	91	745424	55.019	ug/l	99
90) Hexachloroethane	14.086	117	133119	53.520	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	366331	53.824	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	32966	49.162	ug/l	91
93) 1,2,4-Trichlorobenzene	15.129	180	213186	52.236	ug/l	99
94) Hexachlorobutadiene	15.232	225	97863	52.448	ug/l	98
95) Naphthalene	15.360	128	536788	54.769	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	195919	50.931	ug/l	98

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

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