

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
 Data File : VW032267.D
 Acq On : 26 Sep 2025 08:43
 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

09/29/2025
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Sep 27 04:30:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	273367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	482464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	450604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	228628	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	197933	45.856	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	91.720%
35) Dibromofluoromethane	7.898	113	164510	47.413	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	94.820%
50) Toluene-d8	10.324	98	594303	47.526	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	95.060%
62) 4-Bromofluorobenzene	12.617	95	230736	48.917	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	97.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.045	85	86078	45.576	ug/l	90
3) Chloromethane	2.259	50	119798	44.322	ug/l	93
4) Vinyl Chloride	2.405	62	151797	48.067	ug/l	92
5) Bromomethane	2.826	94	107848	50.011	ug/l	90
6) Chloroethane	2.972	64	102963	48.114	ug/l	97
7) Trichlorofluoromethane	3.301	101	109500	46.018	ug/l	98
8) Diethyl Ether	3.722	74	109858	48.826	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	148289	48.823	ug/l	98
10) Methyl Iodide	4.307	142	202703	49.342	ug/l	99
11) Tert butyl alcohol	5.215	59	79568	265.562	ug/l	99
12) 1,1-Dichloroethene	4.082	96	160183	49.337	ug/l	95
13) Acrolein	3.929	56	123996	232.516	ug/l	97
14) Allyl chloride	4.703	41	258499	51.303	ug/l	98
15) Acrylonitrile	5.398	53	292239	252.193	ug/l	100
16) Acetone	4.155	43	325384	293.532	ug/l	99
17) Carbon Disulfide	4.417	76	364772	48.865	ug/l	99
18) Methyl Acetate	4.709	43	214945	56.380	ug/l	99
19) Methyl tert-butyl Ether	5.459	73	320524	53.259	ug/l	99
20) Methylene Chloride	4.953	84	205186	51.435	ug/l	97
21) trans-1,2-Dichloroethene	5.459	96	172385	49.239	ug/l	92
22) Diisopropyl ether	6.337	45	578557	51.674	ug/l	97
23) Vinyl Acetate	6.282	43	1840304	255.497	ug/l	99
24) 1,1-Dichloroethane	6.246	63	344485	48.739	ug/l	99
25) 2-Butanone	7.191	43	423887	274.343	ug/l	95
26) 2,2-Dichloropropane	7.185	77	176026	50.540	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	215200	49.422	ug/l	98
28) Bromochloromethane	7.526	49	161529	47.894	ug/l #	99
29) Tetrahydrofuran	7.550	42	257687	256.896	ug/l	99
30) Chloroform	7.691	83	364637	49.446	ug/l	95
31) Cyclohexane	7.971	56	263836	47.339	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	247985	49.916	ug/l	99
36) 1,1-Dichloropropene	8.093	75	239541	51.207	ug/l	100
37) Ethyl Acetate	7.276	43	162215	52.286	ug/l	99
38) Carbon Tetrachloride	8.081	117	231586	52.620	ug/l	98
39) Methylcyclohexane	9.343	83	283447	52.366	ug/l	96
40) Benzene	8.337	78	746803	50.718	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
 Data File : VW032267.D
 Acq On : 26 Sep 2025 08:43
 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

09/29/2025
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Sep 27 04:30:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	94359	53.104	ug/l	98
42) 1,2-Dichloroethane	8.410	62	241985	49.441	ug/l	99
43) Isopropyl Acetate	8.434	43	293555	52.858	ug/l	99
44) Trichloroethene	9.099	130	170853	49.641	ug/l	93
45) 1,2-Dichloropropane	9.373	63	195184	51.180	ug/l	100
46) Dibromomethane	9.465	93	120749	51.498	ug/l	99
47) Bromodichloromethane	9.654	83	274166	51.267	ug/l	99
48) Methyl methacrylate	9.440	41	143636	54.975	ug/l	97
49) 1,4-Dioxane	9.459	88	33972	1081.815	ug/l #	97
51) 4-Methyl-2-Pentanone	10.215	43	878888	266.913	ug/l	98
52) Toluene	10.391	92	458556	50.245	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	267381	54.570	ug/l	99
54) cis-1,3-Dichloropropene	10.074	75	303973	53.737	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	163071	50.952	ug/l	93
56) Ethyl methacrylate	10.647	69	232679	55.192	ug/l	97
57) 1,3-Dichloropropane	10.934	76	283280	51.235	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	656204	283.551	ug/l	100
59) 2-Hexanone	10.971	43	630581	280.431	ug/l	99
60) Dibromochloromethane	11.129	129	185228	52.698	ug/l	99
61) 1,2-Dibromoethane	11.239	107	156937	51.758	ug/l	98
64) Tetrachloroethene	10.867	164	139445	50.781	ug/l	95
65) Chlorobenzene	11.659	112	531675	51.224	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.733	131	173578	52.879	ug/l	98
67) Ethyl Benzene	11.726	91	909731	53.548	ug/l	99
68) m/p-Xylenes	11.836	106	686206	105.367	ug/l	99
69) o-Xylene	12.165	106	323859	52.914	ug/l	96
70) Styrene	12.178	104	588531	54.832	ug/l	100
71) Bromoform	12.348	173	97168	50.796	ug/l #	92
73) Isopropylbenzene	12.464	105	828790	52.083	ug/l	100
74) N-amyl acetate	12.269	43	267223	53.325	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	211052	50.585	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	151890m	48.290	ug/l	
77) Bromobenzene	12.745	156	194678	49.739	ug/l	88
78) n-propylbenzene	12.799	91	1038146	51.938	ug/l	100
79) 2-Chlorotoluene	12.891	91	620604	51.255	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	713060	52.412	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	67083	55.397	ug/l	99
82) 4-Chlorotoluene	12.982	91	662687	51.786	ug/l	97
83) tert-Butylbenzene	13.202	119	614580	54.015	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	728418	52.733	ug/l	95
85) sec-Butylbenzene	13.379	105	900981	52.732	ug/l	98
86) p-Isopropyltoluene	13.494	119	754293	53.306	ug/l	99
87) 1,3-Dichlorobenzene	13.494	146	384261	49.634	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	405802	51.309	ug/l	91
89) n-Butylbenzene	13.818	91	742768	52.305	ug/l	100
90) Hexachloroethane	14.086	117	140658	53.334	ug/l	99
91) 1,2-Dichlorobenzene	13.866	146	371954	51.359	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	35686	50.007	ug/l	99
93) 1,2,4-Trichlorobenzene	15.128	180	222241	51.725	ug/l	98
94) Hexachlorobutadiene	15.232	225	97379	49.349	ug/l	91
95) Naphthalene	15.360	128	558741	54.183	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	212802	53.266	ug/l	99

09/29/2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032267.D
Acq On : 26 Sep 2025 08:43
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 27 04:30:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

09/29/2025
Supervised By :Semsettin
Yesilyurt

09/29/2025

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

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

