

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
 Data File : VW032325.D
 Acq On : 02 Oct 2025 12:10
 Operator : SY/MD
 Sample : VW1002SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1002SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
 Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:35:46 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	7.965	168	291487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	534672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	467867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	239286	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	209765	49.339	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	98.680%
35) Dibromofluoromethane	7.898	113	172111	49.706	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	99.420%
50) Toluene-d8	10.324	98	641089	50.165	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.617	95	238010	49.274	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	98.540%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.045	85	35034	19.153	ug/l	98
3) Chloromethane	2.253	50	54560	19.331	ug/l	95
4) Vinyl Chloride	2.405	62	69248	20.551	ug/l	98
5) Bromomethane	2.820	94	51481	20.791	ug/l	90
6) Chloroethane	2.966	64	45249	20.340	ug/l	95
7) Trichlorofluoromethane	3.301	101	55688	22.073	ug/l	96
8) Diethyl Ether	3.722	74	46407	21.228	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.106	101	61663	20.378	ug/l	92
10) Methyl Iodide	4.307	142	92661	21.461	ug/l	96
11) Tert butyl alcohol	5.222	59	36189	112.454	ug/l #	94
12) 1,1-Dichloroethene	4.075	96	67509	20.550	ug/l	96
13) Acrolein	3.929	56	56779	108.713	ug/l	100
14) Allyl chloride	4.703	41	114563	20.647	ug/l	89
15) Acrylonitrile	5.404	53	115079	101.186	ug/l	99
16) Acetone	4.155	43	126735	107.657	ug/l	99
17) Carbon Disulfide	4.423	76	187909	20.964	ug/l	99
18) Methyl Acetate	4.709	43	59964	17.782	ug/l	99
19) Methyl tert-butyl Ether	5.465	73	135636	20.963	ug/l	92
20) Methylene Chloride	4.959	84	106049	24.485	ug/l	94
21) trans-1,2-Dichloroethene	5.459	96	73548	20.222	ug/l	95
22) Diisopropyl ether	6.343	45	240079	20.805	ug/l	95
23) Vinyl Acetate	6.282	43	808344	104.874	ug/l	100
24) 1,1-Dichloroethane	6.246	63	140754	20.077	ug/l	98
25) 2-Butanone	7.197	43	167299	104.346	ug/l	99
26) 2,2-Dichloropropane	7.191	77	81279	22.665	ug/l	97
27) cis-1,2-Dichloroethene	7.185	96	87178	19.952	ug/l	92
28) Bromochloromethane	7.532	49	66809	20.255	ug/l	87
29) Tetrahydrofuran	7.550	42	102160	101.322	ug/l	94
30) Chloroform	7.697	83	144523	20.326	ug/l	93
31) Cyclohexane	7.971	56	118891	19.864	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	107081	21.253	ug/l	99
36) 1,1-Dichloropropene	8.099	75	99553	20.372	ug/l	98
37) Ethyl Acetate	7.276	43	67894	20.873	ug/l	99
38) Carbon Tetrachloride	8.081	117	96076	20.893	ug/l	99
39) Methylcyclohexane	9.343	83	118968	20.183	ug/l	95
40) Benzene	8.337	78	310996	20.304	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
 Data File : VW032325.D
 Acq On : 02 Oct 2025 12:10
 Operator : SY/MD
 Sample : VW1002SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1002SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
 Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:35:46 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)
41) Methacrylonitrile	7.502	41	35367	20.176	ug/l	93
42) 1,2-Dichloroethane	8.416	62	102405	20.432	ug/l	100
43) Isopropyl Acetate	8.434	43	119660	20.738	ug/l	99
44) Trichloroethene	9.105	130	71401	19.908	ug/l	93
45) 1,2-Dichloropropane	9.379	63	78839	20.621	ug/l	98
46) Dibromomethane	9.465	93	47886	20.369	ug/l	98
47) Bromodichloromethane	9.654	83	109464	20.357	ug/l	99
48) Methyl methacrylate	9.446	41	56269	20.057	ug/l	95
49) 1,4-Dioxane	9.459	88	13282	413.337	ug/l	92
51) 4-Methyl-2-Pentanone	10.215	43	346648	103.722	ug/l	98
52) Toluene	10.391	92	193861	20.324	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	106084	20.335	ug/l	97
54) cis-1,3-Dichloropropene	10.080	75	123159	20.495	ug/l	95
55) 1,1,2-Trichloroethane	10.788	97	67010	21.326	ug/l	95
56) Ethyl methacrylate	10.647	69	87830	19.970	ug/l	95
57) 1,3-Dichloropropane	10.934	76	114439	20.621	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	220699	94.291	ug/l	96
59) 2-Hexanone	10.970	43	247303	104.917	ug/l	99
60) Dibromochloromethane	11.129	129	71791	20.122	ug/l	97
61) 1,2-Dibromoethane	11.239	107	61927	20.212	ug/l	99
64) Tetrachloroethene	10.861	164	56614	20.222	ug/l	89
65) Chlorobenzene	11.659	112	216986	21.078	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.733	131	67629	21.093	ug/l	99
67) Ethyl Benzene	11.733	91	364939	21.268	ug/l	96
68) m/p-Xylenes	11.836	106	285522	43.151	ug/l	99
69) o-Xylene	12.165	106	131419	21.238	ug/l	100
70) Styrene	12.178	104	237322	21.967	ug/l	98
71) Bromoform	12.348	173	38393	20.890	ug/l #	96
73) Isopropylbenzene	12.464	105	337841	20.637	ug/l	98
74) N-amyl acetate	12.269	43	107577	20.599	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	82748	20.357	ug/l	99
76) 1,2,3-Trichloropropane	12.769	75	63244m	20.085	ug/l	
77) Bromobenzene	12.745	156	81476	20.646	ug/l	91
78) n-propylbenzene	12.799	91	425699	20.817	ug/l	97
79) 2-Chlorotoluene	12.891	91	249811	19.979	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	284839	20.122	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	25199	20.273	ug/l	95
82) 4-Chlorotoluene	12.988	91	274110	20.620	ug/l	100
83) tert-Butylbenzene	13.202	119	238669	20.549	ug/l	97
84) 1,2,4-Trimethylbenzene	13.244	105	283232	19.677	ug/l	99
85) sec-Butylbenzene	13.379	105	362319	20.413	ug/l	99
86) p-Isopropyltoluene	13.494	119	303179	20.586	ug/l	99
87) 1,3-Dichlorobenzene	13.494	146	158665	19.856	ug/l	94
88) 1,4-Dichlorobenzene	13.574	146	165636	20.730	ug/l	98
89) n-Butylbenzene	13.818	91	295818	20.572	ug/l	99
90) Hexachloroethane	14.092	117	53671	20.331	ug/l	88
91) 1,2-Dichlorobenzene	13.866	146	147806	20.462	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	13527	19.007	ug/l	90
93) 1,2,4-Trichlorobenzene	15.128	180	88997	20.546	ug/l	99
94) Hexachlorobutadiene	15.226	225	39432	19.911	ug/l	95
95) Naphthalene	15.360	128	204952	19.703	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	81052	19.853	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
Data File : VW032325.D
Acq On : 02 Oct 2025 12:10
Operator : SY/MD
Sample : VW1002SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1002SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:35:46 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)
----------	------	------	----------	------	-------	----------

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
 Data File : VW032325.D
 Acq On : 02 Oct 2025 12:10
 Operator : SY/MD
 Sample : VW1002SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1002SBS01

Quant Time: Oct 02 21:35:46 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
 Supervised By :Semsettin Yesilyurt 10/03/2025

