

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100725\
 Data File : VW032372.D
 Acq On : 07 Oct 2025 10:40
 Operator : SY/MD
 Sample : VW1007SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 08 03:18:28 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	266785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	479856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	442273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	223844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	192389	49.442	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	98.880%		
35) Dibromofluoromethane	7.898	113	159027	51.174	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	102.340%		
50) Toluene-d8	10.325	98	603961	52.658	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	105.320%		
62) 4-Bromofluorobenzene	12.617	95	220094	50.770	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	101.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	39005	23.299	ug/l	94
3) Chloromethane	2.253	50	55055	21.313	ug/l	99
4) Vinyl Chloride	2.399	62	68144	22.096	ug/l	100
5) Bromomethane	2.820	94	48310	21.316	ug/l	95
6) Chloroethane	2.966	64	42818	21.030	ug/l	100
7) Trichlorofluoromethane	3.295	101	43860	18.995	ug/l	97
8) Diethyl Ether	3.722	74	41312	20.647	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.100	101	60538	21.858	ug/l	92
10) Methyl Iodide	4.301	142	82978	20.998	ug/l	99
11) Tert butyl alcohol	5.216	59	23665	80.346	ug/l	99
12) 1,1-Dichloroethene	4.076	96	65093	21.649	ug/l	94
13) Acrolein	3.929	56	40514	84.753	ug/l	98
14) Allyl chloride	4.698	41	99410	19.575	ug/l	90
15) Acrylonitrile	5.399	53	96445	92.653	ug/l	99
16) Acetone	4.155	43	99784	92.611	ug/l	95
17) Carbon Disulfide	4.417	76	171533	20.909	ug/l	99
18) Methyl Acetate	4.704	43	58085	18.819	ug/l	95
19) Methyl tert-butyl Ether	5.460	73	110817	18.713	ug/l	98
20) Methylene Chloride	4.948	84	86230	21.084	ug/l	96
21) trans-1,2-Dichloroethene	5.454	96	70376	21.141	ug/l	93
22) Diisopropyl ether	6.344	45	215004	20.357	ug/l	92
23) Vinyl Acetate	6.283	43	679274	96.289	ug/l	96
24) 1,1-Dichloroethane	6.246	63	135375	21.097	ug/l	98
25) 2-Butanone	7.191	43	128437	87.525	ug/l	99
26) 2,2-Dichloropropane	7.185	77	67439	20.547	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	80241	20.065	ug/l	94
28) Bromochloromethane	7.526	49	61966	20.526	ug/l	85
29) Tetrahydrofuran	7.551	42	83762	90.767	ug/l	93
30) Chloroform	7.691	83	140604	21.606	ug/l	98
31) Cyclohexane	7.965	56	114055	20.821	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	98934	21.454	ug/l	98
36) 1,1-Dichloropropene	8.093	75	96146	21.922	ug/l	97
37) Ethyl Acetate	7.270	43	56135	19.230	ug/l	99
38) Carbon Tetrachloride	8.081	117	89784	21.755	ug/l	98
39) Methylcyclohexane	9.343	83	109371	20.674	ug/l	93
40) Benzene	8.331	78	291195	21.183	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100725\
 Data File : VW032372.D
 Acq On : 07 Oct 2025 10:40
 Operator : SY/MD
 Sample : VW1007SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 08 03:18:28 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	31224	19.847	ug/l	90
42) 1,2-Dichloroethane	8.410	62	96635	21.484	ug/l	99
43) Isopropyl Acetate	8.435	43	97741	18.874	ug/l	97
44) Trichloroethene	9.099	130	70144	21.792	ug/l	88
45) 1,2-Dichloropropane	9.374	63	73582	21.444	ug/l	98
46) Dibromomethane	9.465	93	45752	21.684	ug/l	94
47) Bromodichloromethane	9.648	83	103368	21.419	ug/l	95
48) Methyl methacrylate	9.441	41	46960	18.651	ug/l	92
49) 1,4-Dioxane	9.459	88	11597	402.127	ug/l	89
51) 4-Methyl-2-Pentanone	10.215	43	291852	97.302	ug/l	97
52) Toluene	10.392	92	183860	21.477	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	93166	19.899	ug/l	100
54) cis-1,3-Dichloropropene	10.081	75	111685	20.709	ug/l	92
55) 1,1,2-Trichloroethane	10.788	97	60337	21.396	ug/l	99
56) Ethyl methacrylate	10.648	69	75587	19.150	ug/l	95
57) 1,3-Dichloropropane	10.934	76	104734	21.028	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	191500	91.162	ug/l	95
59) 2-Hexanone	10.971	43	196709	92.986	ug/l	98
60) Dibromochloromethane	11.129	129	67286	21.014	ug/l	100
61) 1,2-Dibromoethane	11.233	107	56847	20.674	ug/l	99
64) Tetrachloroethene	10.867	164	55979	21.153	ug/l	97
65) Chlorobenzene	11.654	112	204217	20.986	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	65836	21.722	ug/l	98
67) Ethyl Benzene	11.733	91	344541	21.241	ug/l	98
68) m/p-Xylenes	11.837	106	268487	42.925	ug/l	99
69) o-Xylene	12.166	106	122620	20.963	ug/l	100
70) Styrene	12.178	104	214418	20.995	ug/l	99
71) Bromoform	12.349	173	33383	19.215	ug/l #	99
73) Isopropylbenzene	12.464	105	309871	20.234	ug/l	99
74) N-amyl acetate	12.269	43	90575	18.539	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	73739	19.392	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	64121m	21.768	ug/l	
77) Bromobenzene	12.745	156	74710	20.238	ug/l	90
78) n-propylbenzene	12.800	91	402218	21.026	ug/l	96
79) 2-Chlorotoluene	12.885	91	241001	20.604	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	278552	21.035	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.507	75	21258	18.282	ug/l #	94
82) 4-Chlorotoluene	12.989	91	257620	20.716	ug/l	100
83) tert-Butylbenzene	13.202	119	223428	20.563	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	277620	20.618	ug/l	99
85) sec-Butylbenzene	13.379	105	347160	20.908	ug/l	98
86) p-Isopropyltoluene	13.495	119	278958	20.248	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	156498	20.935	ug/l	95
88) 1,4-Dichlorobenzene	13.574	146	157240	21.037	ug/l	97
89) n-Butylbenzene	13.818	91	279825	20.802	ug/l	98
90) Hexachloroethane	14.086	117	51297	20.773	ug/l	92
91) 1,2-Dichlorobenzene	13.867	146	139971	20.714	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	12665	19.023	ug/l	84
93) 1,2,4-Trichlorobenzene	15.123	180	77401	19.102	ug/l	97
94) Hexachlorobutadiene	15.226	225	39724	21.443	ug/l	94
95) Naphthalene	15.360	128	166916	17.153	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	67947	17.791	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100725\
Data File : VW032372.D
Acq On : 07 Oct 2025 10:40
Operator : SY/MD
Sample : VW1007SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBS01

Manual Integrations
APPROVED

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

Quant Time: Oct 08 03:18:28 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

