

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
 Data File : VW032342.D
 Acq On : 03 Oct 2025 10:31
 Operator : SY/MD
 Sample : VW1003SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1003SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 04 04:59:13 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	280986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	514655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	480184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	244340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	209797	51.191	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 102.380%			
35) Dibromofluoromethane	7.898	113	170894	51.274	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 102.540%			
50) Toluene-d8	10.331	98	652301	53.027	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 106.060%			
62) 4-Bromofluorobenzene	12.617	95	243553	52.383	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 104.760%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	36824	20.884	ug/l	99
3) Chloromethane	2.253	50	53856	19.795	ug/l	95
4) Vinyl Chloride	2.405	62	71273	21.943	ug/l	98
5) Bromomethane	2.820	94	51510	21.580	ug/l	95
6) Chloroethane	2.966	64	45203	21.079	ug/l	96
7) Trichlorofluoromethane	3.308	101	54972	22.604	ug/l	94
8) Diethyl Ether	3.722	74	45452	21.568	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.106	101	61069	20.936	ug/l	94
10) Methyl Iodide	4.313	142	91157	21.902	ug/l	98
11) Tert butyl alcohol	5.216	59	34176	110.168	ug/l #	82
12) 1,1-Dichloroethene	4.076	96	66870	21.116	ug/l	83
13) Acrolein	3.929	56	56064	111.356	ug/l	98
14) Allyl chloride	4.704	41	115345	21.565	ug/l	89
15) Acrylonitrile	5.399	53	114281	104.239	ug/l	98
16) Acetone	4.161	43	117029	103.127	ug/l	98
17) Carbon Disulfide	4.423	76	186164	21.545	ug/l	100
18) Methyl Acetate	4.710	43	62903	19.350	ug/l	98
19) Methyl tert-butyl Ether	5.460	73	133841	21.458	ug/l	97
20) Methylene Chloride	4.954	84	99072	23.544	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	74671	21.298	ug/l	95
22) Diisopropyl ether	6.344	45	239475	21.528	ug/l	95
23) Vinyl Acetate	6.283	43	792465	106.657	ug/l	99
24) 1,1-Dichloroethane	6.246	63	144844	21.432	ug/l	97
25) 2-Butanone	7.191	43	158120	102.307	ug/l	99
26) 2,2-Dichloropropane	7.185	77	78833	22.804	ug/l	97
27) cis-1,2-Dichloroethene	7.197	96	89243	21.188	ug/l	93
28) Bromochloromethane	7.532	49	64926	20.419	ug/l	87
29) Tetrahydrofuran	7.551	42	99667	102.544	ug/l	94
30) Chloroform	7.691	83	148565	21.676	ug/l	99
31) Cyclohexane	7.971	56	120184	20.831	ug/l	93
32) 1,1,1-Trichloroethane	7.886	97	106459	21.919	ug/l	99
36) 1,1-Dichloropropene	8.093	75	101791	21.640	ug/l	98
37) Ethyl Acetate	7.276	43	68609	21.914	ug/l	98
38) Carbon Tetrachloride	8.087	117	98049	22.151	ug/l #	93
39) Methylcyclohexane	9.343	83	119548	21.070	ug/l	94
40) Benzene	8.337	78	317296	21.521	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
 Data File : VW032342.D
 Acq On : 03 Oct 2025 10:31
 Operator : SY/MD
 Sample : VW1003SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1003SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 04 04:59:13 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	35498	21.038	ug/l	95
42) 1,2-Dichloroethane	8.416	62	103118	21.375	ug/l	99
43) Isopropyl Acetate	8.435	43	117538	21.162	ug/l	99
44) Trichloroethene	9.099	130	74758	21.655	ug/l	90
45) 1,2-Dichloropropane	9.380	63	78010	21.198	ug/l	97
46) Dibromomethane	9.465	93	48612	21.482	ug/l	94
47) Bromodichloromethane	9.654	83	108411	20.945	ug/l	94
48) Methyl methacrylate	9.441	41	56601	20.960	ug/l #	91
49) 1,4-Dioxane	9.459	88	12333	398.732	ug/l #	87
51) 4-Methyl-2-Pentanone	10.215	43	339081	105.404	ug/l	99
52) Toluene	10.392	92	196886	21.443	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	103065	20.525	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	118600	20.504	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	63746	21.077	ug/l	95
56) Ethyl methacrylate	10.648	69	86298	20.385	ug/l	96
57) 1,3-Dichloropropane	10.934	76	117496	21.995	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	220821	98.013	ug/l	96
59) 2-Hexanone	10.971	43	239195	105.424	ug/l	98
60) Dibromochloromethane	11.129	129	72848	21.212	ug/l	96
61) 1,2-Dibromoethane	11.239	107	61426	20.829	ug/l	98
64) Tetrachloroethene	10.867	164	58955	20.518	ug/l	92
65) Chlorobenzene	11.660	112	220669	20.886	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	68946	20.952	ug/l	99
67) Ethyl Benzene	11.727	91	368376	20.917	ug/l	98
68) m/p-Xylenes	11.836	106	285983	42.112	ug/l	99
69) o-Xylene	12.166	106	129748	20.430	ug/l	98
70) Styrene	12.178	104	235147	21.207	ug/l	98
71) Bromoform	12.349	173	36757	19.487	ug/l #	98
73) Isopropylbenzene	12.464	105	341118	20.406	ug/l	99
74) N-amyl acetate	12.269	43	107047	20.073	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	82780	19.944	ug/l	97
76) 1,2,3-Trichloropropane	12.763	75	72682m	22.604	ug/l	
77) Bromobenzene	12.745	156	79961	19.843	ug/l	87
78) n-propylbenzene	12.800	91	429522	20.570	ug/l	97
79) 2-Chlorotoluene	12.891	91	257321	20.154	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	283160	19.589	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	24902	19.619	ug/l	94
82) 4-Chlorotoluene	12.989	91	271331	19.989	ug/l	99
83) tert-Butylbenzene	13.202	119	247707	20.886	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	301850	20.537	ug/l	100
85) sec-Butylbenzene	13.379	105	359423	19.831	ug/l	99
86) p-Isopropyltoluene	13.495	119	305005	20.281	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	165579	20.292	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	168683	20.675	ug/l	97
89) n-Butylbenzene	13.818	91	298633	20.338	ug/l	99
90) Hexachloroethane	14.086	117	52244	19.381	ug/l	87
91) 1,2-Dichlorobenzene	13.867	146	146324	19.838	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	14141	19.459	ug/l	88
93) 1,2,4-Trichlorobenzene	15.122	180	87929	19.880	ug/l	99
94) Hexachlorobutadiene	15.226	225	39478	19.522	ug/l	93
95) Naphthalene	15.360	128	212463	20.002	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	82685	19.834	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
Data File : VW032342.D
Acq On : 03 Oct 2025 10:31
Operator : SY/MD
Sample : VW1003SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 04 04:59:13 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

