

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073025\
 Data File : VW031957.D
 Acq On : 30 Jul 2025 12:22
 Operator : SY/MD
 Sample : VW0730SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBS01

Quant Time: Jul 31 02:29:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/31/2025
 Supervised By :Semsettin Yesilyurt 07/31/2025

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	220525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	410230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	366242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	164342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	155277	46.546	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	93.100%		
35) Dibromofluoromethane	7.904	113	128287	46.021	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	92.040%		
50) Toluene-d8	10.325	98	482525	45.737	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	91.480%		
62) 4-Bromofluorobenzene	12.617	95	182346	45.012	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	90.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	29794	18.178	ug/l	97
3) Chloromethane	2.253	50	39071	18.573	ug/l	99
4) Vinyl Chloride	2.412	62	43875	16.056	ug/l	93
5) Bromomethane	2.820	94	35647	17.715	ug/l	94
6) Chloroethane	2.972	64	34609	19.189	ug/l	95
7) Trichlorofluoromethane	3.302	101	44024	15.906	ug/l	95
8) Diethyl Ether	3.722	74	32963	17.829	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	48941	18.383	ug/l	100
10) Methyl Iodide	4.308	142	69616	17.490	ug/l	99
11) Tert butyl alcohol	5.222	59	22130	112.855	ug/l #	85
12) 1,1-Dichloroethene	4.076	96	52785	17.951	ug/l	96
13) Acrolein	3.936	56	19852	65.453	ug/l	99
14) Allyl chloride	4.704	41	78607	17.172	ug/l	98
15) Acrylonitrile	5.405	53	85335	103.238	ug/l	100
16) Acetone	4.161	43	77851	98.345	ug/l	99
17) Carbon Disulfide	4.423	76	124865	16.373	ug/l	100
18) Methyl Acetate	4.710	43	50098	22.971	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	99128	19.511	ug/l	100
20) Methylene Chloride	4.960	84	61992	15.057	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	55647	17.836	ug/l	96
22) Diisopropyl ether	6.344	45	171405	18.713	ug/l	97
23) Vinyl Acetate	6.283	43	571629	95.525	ug/l	99
24) 1,1-Dichloroethane	6.246	63	106759	18.720	ug/l	99
25) 2-Butanone	7.197	43	117412	108.403	ug/l	99
26) 2,2-Dichloropropane	7.191	77	55374	17.151	ug/l	96
27) cis-1,2-Dichloroethene	7.191	96	67116	18.299	ug/l	98
28) Bromochloromethane	7.533	49	38673	16.196	ug/l #	15
29) Tetrahydrofuran	7.557	42	76032	107.070	ug/l	99
30) Chloroform	7.691	83	114883	19.213	ug/l	95
31) Cyclohexane	7.971	56	91016	17.789	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	82912	18.222	ug/l	98
36) 1,1-Dichloropropene	8.100	75	78383	18.310	ug/l	99
37) Ethyl Acetate	7.277	43	49573	20.300	ug/l	99
38) Carbon Tetrachloride	8.081	117	73166	17.809	ug/l	98
39) Methylcyclohexane	9.343	83	94814	17.599	ug/l	97
40) Benzene	8.337	78	238628	18.831	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073025\
 Data File : VW031957.D
 Acq On : 30 Jul 2025 12:22
 Operator : SY/MD
 Sample : VW0730SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/31/2025
 Supervised By :Semsettin Yesilyurt 07/31/2025

Quant Time: Jul 31 02:29:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	28610	19.571	ug/l	94
42) 1,2-Dichloroethane	8.410	62	78925	19.460	ug/l	99
43) Isopropyl Acetate	8.435	43	87625	19.820	ug/l	100
44) Trichloroethene	9.105	130	56532	18.768	ug/l	96
45) 1,2-Dichloropropane	9.380	63	57535	18.852	ug/l	96
46) Dibromomethane	9.465	93	36727	19.413	ug/l	99
47) Bromodichloromethane	9.654	83	86315	19.027	ug/l	96
48) Methyl methacrylate	9.441	41	42313	20.117	ug/l	99
49) 1,4-Dioxane	9.465	88	8661	458.797	ug/l #	78
51) 4-Methyl-2-Pentanone	10.215	43	259279	107.163	ug/l	100
52) Toluene	10.392	92	153828	18.883	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	80214	18.433	ug/l	97
54) cis-1,3-Dichloropropene	10.081	75	91635	18.439	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	49629	19.749	ug/l	97
56) Ethyl methacrylate	10.648	69	69102	19.470	ug/l	99
57) 1,3-Dichloropropane	10.934	76	87270	19.712	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.928	63	180407	98.960	ug/l	100
59) 2-Hexanone	10.971	43	176704	105.070	ug/l	100
60) Dibromochloromethane	11.129	129	56647	19.334	ug/l	98
61) 1,2-Dibromoethane	11.239	107	49075	19.763	ug/l	99
64) Tetrachloroethene	10.867	164	44511	18.433	ug/l	89
65) Chlorobenzene	11.660	112	164690	18.373	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.733	131	54066	19.457	ug/l	94
67) Ethyl Benzene	11.733	91	291112	18.484	ug/l	99
68) m/p-Xylenes	11.837	106	218953	36.930	ug/l	99
69) o-Xylene	12.166	106	104375	18.602	ug/l	99
70) Styrene	12.178	104	182195	19.072	ug/l	98
71) Bromoform	12.349	173	30394	19.999	ug/l #	96
73) Isopropylbenzene	12.465	105	268378	18.821	ug/l	99
74) N-amyl acetate	12.270	43	77893	20.206	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	64919	21.449	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	49509m	21.820	ug/l	
77) Bromobenzene	12.745	156	63028	20.429	ug/l	94
78) n-propylbenzene	12.800	91	334804	19.117	ug/l	100
79) 2-Chlorotoluene	12.891	91	203261	19.439	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	225548	18.860	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	18689	19.016	ug/l	95
82) 4-Chlorotoluene	12.989	91	208908	19.044	ug/l	99
83) tert-Butylbenzene	13.202	119	188688	18.523	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	232996	19.249	ug/l	100
85) sec-Butylbenzene	13.379	105	287875	18.818	ug/l	99
86) p-Isopropyltoluene	13.495	119	242804	19.202	ug/l	99
87) 1,3-Dichlorobenzene	13.501	146	124481	19.383	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	117079	18.610	ug/l	93
89) n-Butylbenzene	13.818	91	231144	18.635	ug/l	99
90) Hexachloroethane	14.086	117	40421	18.487	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	114155	20.057	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	11602	21.217	ug/l	94
93) 1,2,4-Trichlorobenzene	15.129	180	65757	19.157	ug/l	94
94) Hexachlorobutadiene	15.226	225	29091	17.886	ug/l	93
95) Naphthalene	15.360	128	175239	20.766	ug/l	97
96) 1,2,3-Trichlorobenzene	15.549	180	60279	19.382	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073025\
Data File : VW031957.D
Acq On : 30 Jul 2025 12:22
Operator : SY/MD
Sample : VW0730SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/31/2025
Supervised By :Semsettin Yesilyurt 07/31/2025

Quant Time: Jul 31 02:29:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

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

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

