

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073025\
 Data File : VW031958.D
 Acq On : 30 Jul 2025 13:09
 Operator : SY/MD
 Sample : VW0730SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 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 02:30:40 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)

Internal Standards						
1) Pentafluorobenzene	7.953	168	236379	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	428572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	390660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	182131	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	168213	47.042	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	94.080%
35) Dibromofluoromethane	7.898	113	138075	47.413	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	94.820%
50) Toluene-d8	10.324	98	532549	48.318	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	96.640%
62) 4-Bromofluorobenzene	12.617	95	200128	47.287	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	94.580%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.045	85	29990	17.071	ug/l	99
3) Chloromethane	2.253	50	40661	18.032	ug/l	98
4) Vinyl Chloride	2.405	62	50728	17.318	ug/l	95
5) Bromomethane	2.820	94	38682	17.934	ug/l	99
6) Chloroethane	2.972	64	35075	18.143	ug/l	99
7) Trichlorofluoromethane	3.307	101	42305	14.260	ug/l	100
8) Diethyl Ether	3.716	74	35448	17.887	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	53834	18.865	ug/l	99
10) Methyl Iodide	4.307	142	76764	17.992	ug/l	99
11) Tert butyl alcohol	5.216	59	22493	107.012	ug/l	100
12) 1,1-Dichloroethene	4.069	96	57780	18.332	ug/l	93
13) Acrolein	3.929	56	18612	55.999	ug/l	95
14) Allyl chloride	4.697	41	85942	17.516	ug/l	98
15) Acrylonitrile	5.398	53	86799	97.966	ug/l	98
16) Acetone	4.155	43	111667	131.601	ug/l	99
17) Carbon Disulfide	4.423	76	138053	16.888	ug/l	97
18) Methyl Acetate	4.703	43	47694	20.402	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	103482	19.002	ug/l	93
20) Methylene Chloride	4.953	84	66769	15.154	ug/l	97
21) trans-1,2-Dichloroethene	5.453	96	62234	18.610	ug/l	98
22) Diisopropyl ether	6.337	45	180657	18.400	ug/l	96
23) Vinyl Acetate	6.276	43	597803	93.198	ug/l	98
24) 1,1-Dichloroethane	6.246	63	114343	18.705	ug/l	99
25) 2-Butanone	7.191	43	133957	115.384	ug/l	98
26) 2,2-Dichloropropane	7.179	77	59349	17.149	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	73401	18.670	ug/l	100
28) Bromochloromethane	7.526	49	46854	18.307	ug/l	98
29) Tetrahydrofuran	7.551	42	74861	98.351	ug/l	100
30) Chloroform	7.691	83	121938	19.025	ug/l	96
31) Cyclohexane	7.965	56	98009	17.871	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	89247	18.299	ug/l	97
36) 1,1-Dichloropropene	8.093	75	84391	18.870	ug/l	99
37) Ethyl Acetate	7.270	43	50154	19.658	ug/l	99
38) Carbon Tetrachloride	8.081	117	82019	19.109	ug/l	97
39) Methylcyclohexane	9.337	83	104699	18.602	ug/l	98
40) Benzene	8.337	78	253610	19.156	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073025\
 Data File : VW031958.D
 Acq On : 30 Jul 2025 13:09
 Operator : SY/MD
 Sample : VW0730SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 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 02:30:40 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	28189	18.458	ug/l	91
42) 1,2-Dichloroethane	8.410	62	82848	19.553	ug/l	99
43) Isopropyl Acetate	8.435	43	88867	19.241	ug/l	99
44) Trichloroethene	9.099	130	59871	19.026	ug/l	98
45) 1,2-Dichloropropane	9.373	63	62038	19.457	ug/l	98
46) Dibromomethane	9.465	93	38111	19.282	ug/l	97
47) Bromodichloromethane	9.648	83	92062	19.425	ug/l	98
48) Methyl methacrylate	9.440	41	42475	19.330	ug/l	99
49) 1,4-Dioxane	9.465	88	9919	502.949	ug/l #	86
51) 4-Methyl-2-Pentanone	10.209	43	257957	102.054	ug/l	100
52) Toluene	10.391	92	162904	19.141	ug/l	96
53) t-1,3-Dichloropropene	10.605	75	83662	18.402	ug/l	99
54) cis-1,3-Dichloropropene	10.074	75	99944	19.250	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	52517	20.004	ug/l	95
56) Ethyl methacrylate	10.648	69	71620	19.316	ug/l	99
57) 1,3-Dichloropropane	10.934	76	91292	19.738	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	180471	94.758	ug/l	100
59) 2-Hexanone	10.971	43	189611	107.919	ug/l	99
60) Dibromochloromethane	11.129	129	60128	19.643	ug/l	98
61) 1,2-Dibromoethane	11.239	107	51091	19.694	ug/l	98
64) Tetrachloroethene	10.861	164	49418	19.186	ug/l	90
65) Chlorobenzene	11.660	112	174399	18.240	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.727	131	54467	18.376	ug/l	99
67) Ethyl Benzene	11.727	91	314369	18.714	ug/l	99
68) m/p-Xylenes	11.836	106	240324	38.001	ug/l	97
69) o-Xylene	12.166	106	114142	19.072	ug/l	98
70) Styrene	12.178	104	192254	18.867	ug/l	99
71) Bromoform	12.348	173	31169	19.228	ug/l #	96
73) Isopropylbenzene	12.464	105	292308	18.497	ug/l	99
74) N-amyl acetate	12.269	43	80828	18.919	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	65746	19.600	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	48617m	19.334	ug/l	
77) Bromobenzene	12.745	156	66800	19.537	ug/l	93
78) n-propylbenzene	12.800	91	363268	18.717	ug/l	100
79) 2-Chlorotoluene	12.891	91	220291	19.010	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	246611	18.607	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	19356	17.771	ug/l	92
82) 4-Chlorotoluene	12.989	91	229751	18.899	ug/l	98
83) tert-Butylbenzene	13.202	119	209790	18.583	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	249154	18.573	ug/l	99
85) sec-Butylbenzene	13.379	105	305019	17.991	ug/l	98
86) p-Isopropyltoluene	13.495	119	255879	18.260	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	128472	18.050	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	134474	19.287	ug/l	99
89) n-Butylbenzene	13.818	91	248148	18.051	ug/l	99
90) Hexachloroethane	14.086	117	43547	17.971	ug/l	100
91) 1,2-Dichlorobenzene	13.866	146	119030	18.870	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	11445	18.886	ug/l	96
93) 1,2,4-Trichlorobenzene	15.128	180	72130	18.961	ug/l	94
94) Hexachlorobutadiene	15.232	225	30415	16.873	ug/l	94
95) Naphthalene	15.360	128	178354	19.070	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	63995	18.567	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073025\
Data File : VW031958.D
Acq On : 30 Jul 2025 13:09
Operator : SY/MD
Sample : VW0730SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

Manual Integrations
APPROVED

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

Quant Time: Jul 31 02:30:40 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

