

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
 Data File : VW032265.D
 Acq On : 25 Sep 2025 14:41
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW092525

Quant Time: Sep 26 07:14:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
 Supervised By :Semsettin Yesilyurt 09/29/2025

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	275381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	493743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	451873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	222449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	192251	44.214	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	88.420%		
35) Dibromofluoromethane	7.898	113	160415	45.177	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	90.360%		
50) Toluene-d8	10.324	98	599404	46.839	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	93.680%		
62) 4-Bromofluorobenzene	12.617	95	224886	46.588	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	93.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.045	85	77331	40.645	ug/l	97
3) Chloromethane	2.253	50	115143	42.288	ug/l	93
4) Vinyl Chloride	2.405	62	142880	44.912	ug/l	99
5) Bromomethane	2.820	94	99519	45.811	ug/l	94
6) Chloroethane	2.972	64	98382	45.637	ug/l	98
7) Trichlorofluoromethane	3.301	101	101896	42.509	ug/l	100
8) Diethyl Ether	3.716	74	98989	43.674	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	138798	45.364	ug/l	98
10) Methyl Iodide	4.313	142	192131	46.427	ug/l	97
11) Tert butyl alcohol	5.216	59	70266	232.801	ug/l	99
12) 1,1-Dichloroethene	4.082	96	147736	45.171	ug/l	96
13) Acrolein	3.929	56	118579	220.732	ug/l	94
14) Allyl chloride	4.703	41	238823	47.051	ug/l	99
15) Acrylonitrile	5.398	53	268385	229.914	ug/l	100
16) Acetone	4.161	43	275365	246.593	ug/l	99
17) Carbon Disulfide	4.417	76	341149	45.366	ug/l	99
18) Methyl Acetate	4.703	43	197694	51.476	ug/l	98
19) Methyl tert-butyl Ether	5.459	73	303552	50.070	ug/l	98
20) Methylene Chloride	4.947	84	175238	42.256	ug/l	98
21) trans-1,2-Dichloroethene	5.453	96	162872	46.181	ug/l	91
22) Diisopropyl ether	6.343	45	540578	47.929	ug/l	97
23) Vinyl Acetate	6.282	43	1729901	238.412	ug/l	99
24) 1,1-Dichloroethane	6.240	63	327611	46.013	ug/l	99
25) 2-Butanone	7.191	43	380974	244.766	ug/l	96
26) 2,2-Dichloropropane	7.191	77	165803	47.257	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	203186	46.321	ug/l	98
28) Bromochloromethane	7.532	49	157473	46.350	ug/l #	98
29) Tetrahydrofuran	7.551	42	235105	232.669	ug/l	99
30) Chloroform	7.691	83	338340	45.544	ug/l	96
31) Cyclohexane	7.971	56	242682	43.225	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	230793	46.116	ug/l	99
36) 1,1-Dichloropropene	8.093	75	227191	47.457	ug/l	100
37) Ethyl Acetate	7.270	43	148163	46.666	ug/l	99
38) Carbon Tetrachloride	8.081	117	211869	47.040	ug/l	98
39) Methylcyclohexane	9.343	83	268585	48.487	ug/l	96
40) Benzene	8.331	78	707587	46.957	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
 Data File : VW032265.D
 Acq On : 25 Sep 2025 14:41
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW092525

Quant Time: Sep 26 07:14:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
 Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	88790	48.829	ug/l	96
42) 1,2-Dichloroethane	8.410	62	234326	46.783	ug/l	99
43) Isopropyl Acetate	8.435	43	277465	48.820	ug/l	99
44) Trichloroethene	9.099	130	165536	46.998	ug/l	88
45) 1,2-Dichloropropane	9.373	63	179584	46.014	ug/l	99
46) Dibromomethane	9.465	93	111930	46.647	ug/l	98
47) Bromodichloromethane	9.648	83	254445	46.492	ug/l	100
48) Methyl methacrylate	9.440	41	134674	50.368	ug/l	98
49) 1,4-Dioxane	9.459	88	31181	970.255	ug/l #	96
51) 4-Methyl-2-Pentanone	10.215	43	818368	242.856	ug/l	99
52) Toluene	10.391	92	453815	48.589	ug/l	97
53) t-1,3-Dichloropropene	10.605	75	251526	50.162	ug/l	99
54) cis-1,3-Dichloropropene	10.074	75	282634	48.823	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	150225	45.866	ug/l	97
56) Ethyl methacrylate	10.648	69	217909	50.508	ug/l	98
57) 1,3-Dichloropropane	10.934	76	267442	47.265	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	630192	266.090	ug/l	99
59) 2-Hexanone	10.971	43	580772	252.380	ug/l	99
60) Dibromochloromethane	11.129	129	168649	46.885	ug/l	97
61) 1,2-Dibromoethane	11.233	107	146339	47.160	ug/l	96
64) Tetrachloroethene	10.867	164	135242	49.112	ug/l	95
65) Chlorobenzene	11.660	112	499921	48.030	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	163293	49.606	ug/l	97
67) Ethyl Benzene	11.733	91	856675	50.283	ug/l	100
68) m/p-Xylenes	11.836	106	661932	101.354	ug/l	94
69) o-Xylene	12.166	106	311812	50.802	ug/l	99
70) Styrene	12.178	104	561475	52.165	ug/l	99
71) Bromoform	12.348	173	92649	48.298	ug/l #	96
73) Isopropylbenzene	12.464	105	813069	52.514	ug/l	98
74) N-amyl acetate	12.269	43	250576	51.392	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	198553	48.912	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	146151m	47.756	ug/l	
77) Bromobenzene	12.745	156	187660	49.278	ug/l	91
78) n-propylbenzene	12.800	91	1000306	51.435	ug/l	99
79) 2-Chlorotoluene	12.891	91	602382	51.132	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	673147	50.853	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	60514	51.360	ug/l	99
82) 4-Chlorotoluene	12.982	91	637484	51.201	ug/l	99
83) tert-Butylbenzene	13.196	119	576966	52.118	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	689694	51.317	ug/l	99
85) sec-Butylbenzene	13.379	105	883354	53.137	ug/l	99
86) p-Isopropyltoluene	13.495	119	738513	53.640	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	369709	49.081	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	385587	50.107	ug/l	94
89) n-Butylbenzene	13.818	91	717557	51.933	ug/l	98
90) Hexachloroethane	14.092	117	127284	49.603	ug/l	100
91) 1,2-Dichlorobenzene	13.866	146	338162	47.990	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.482	75	33822	48.711	ug/l	96
93) 1,2,4-Trichlorobenzene	15.128	180	208974	49.989	ug/l	99
94) Hexachlorobutadiene	15.226	225	92899	48.387	ug/l	87
95) Naphthalene	15.360	128	524950	52.320	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	198272	51.008	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032265.D
Acq On : 25 Sep 2025 14:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVWVW092525

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 07:14:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 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\VW092525\
Data File : VW032265.D
Acq On : 25 Sep 2025 14:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Quant Time: Sep 26 07:14:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

