

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
 Data File : VW032258.D
 Acq On : 25 Sep 2025 10:45
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Sep 26 06:46:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 06:41:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	238142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	445366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	431495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	209227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	21096	5.610	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	11.220%#		
35) Dibromofluoromethane	7.904	113	17518	5.469	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	10.940%#		
50) Toluene-d8	10.330	98	59424	5.148	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	10.300%#		
62) 4-Bromofluorobenzene	12.617	95	22506	5.169	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	10.340%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.045	85	9243	5.618	ug/l	93
3) Chloromethane	2.259	50	12861	5.462	ug/l	92
4) Vinyl Chloride	2.411	62	14540	5.285	ug/l #	88
5) Bromomethane	2.826	94	9604	5.112	ug/l	99
6) Chloroethane	2.972	64	9905	5.313	ug/l	98
7) Trichlorofluoromethane	3.307	101	9495	4.581	ug/l #	82
8) Diethyl Ether	3.722	74	11315	5.773	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.106	101	14114	5.334	ug/l	96
10) Methyl Iodide	4.319	142	17823	4.980	ug/l	98
11) Tert butyl alcohol	5.228	59	7211	27.627	ug/l	95
12) 1,1-Dichloroethene	4.082	96	14162	5.007	ug/l	93
13) Acrolein	3.935	56	12892	27.751	ug/l	94
14) Allyl chloride	4.703	41	21706	4.945	ug/l	98
15) Acrylonitrile	5.417	53	25755	25.513	ug/l	96
16) Acetone	4.167	43	25773	26.689	ug/l	97
17) Carbon Disulfide	4.423	76	32473	4.994	ug/l	98
18) Methyl Acetate	4.716	43	15180	4.571	ug/l	97
19) Methyl tert-butyl Ether	5.465	73	25133	4.794	ug/l	98
20) Methylene Chloride	4.966	84	41876	5.253	ug/l	96
21) trans-1,2-Dichloroethene	5.465	96	15086	4.946	ug/l	89
22) Diisopropyl ether	6.343	45	45086	4.622	ug/l #	86
23) Vinyl Acetate	6.289	43	145249	23.148	ug/l	96
24) 1,1-Dichloroethane	6.246	63	31274	5.079	ug/l	99
25) 2-Butanone	7.197	43	33552	24.927	ug/l	91
26) 2,2-Dichloropropane	7.185	77	15711	5.178	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	19129	5.043	ug/l	99
28) Bromochloromethane	7.532	49	15762	5.365	ug/l #	100
29) Tetrahydrofuran	7.563	42	21353	24.436	ug/l	95
30) Chloroform	7.691	83	33349	5.191	ug/l	91
31) Cyclohexane	7.965	56	26952	5.551	ug/l #	82
32) 1,1,1-Trichloroethane	7.886	97	22073	5.100	ug/l #	75
36) 1,1-Dichloropropene	8.093	75	21420	4.960	ug/l	96
37) Ethyl Acetate	7.288	43	13922	4.861	ug/l #	80
38) Carbon Tetrachloride	8.087	117	19674	4.843	ug/l #	87
39) Methylcyclohexane	9.343	83	22561	4.515	ug/l	97
40) Benzene	8.337	78	66943	4.925	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
 Data File : VW032258.D
 Acq On : 25 Sep 2025 10:45
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Sep 26 06:46:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 06:41:54 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	7461	4.549	ug/l	93
42) 1,2-Dichloroethane	8.416	62	24254	5.368	ug/l	100
43) Isopropyl Acetate	8.441	43	24619	4.802	ug/l	99
44) Trichloroethene	9.099	130	15290	4.813	ug/l	98
45) 1,2-Dichloropropane	9.373	63	17431	4.951	ug/l	95
46) Dibromomethane	9.471	93	11428	5.280	ug/l	96
47) Bromodichloromethane	9.654	83	24435	4.950	ug/l	96
48) Methyl methacrylate	9.446	41	10520	4.362	ug/l	92
49) 1,4-Dioxane	9.471	88	2525	87.105	ug/l #	99
51) 4-Methyl-2-Pentanone	10.215	43	72902	23.984	ug/l	96
52) Toluene	10.391	92	39810	4.725	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	19584	4.330	ug/l	94
54) cis-1,3-Dichloropropene	10.081	75	23388	4.479	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	15277	5.171	ug/l	98
56) Ethyl methacrylate	10.647	69	16129	4.145	ug/l	97
57) 1,3-Dichloropropane	10.934	76	25050	4.908	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.928	63	45909	21.490	ug/l	99
59) 2-Hexanone	10.971	43	47919	23.086	ug/l	93
60) Dibromochloromethane	11.129	129	15750	4.854	ug/l	99
61) 1,2-Dibromoethane	11.239	107	13807	4.933	ug/l	97
64) Tetrachloroethene	10.861	164	12819	4.875	ug/l #	89
65) Chlorobenzene	11.659	112	49447	4.975	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.733	131	15257	4.854	ug/l	99
67) Ethyl Benzene	11.733	91	73779	4.535	ug/l	98
68) m/p-Xylenes	11.842	106	55830	8.952	ug/l	93
69) o-Xylene	12.166	106	25456	4.343	ug/l	98
70) Styrene	12.178	104	42166	4.102	ug/l	97
71) Bromoform	12.348	173	8018	4.377	ug/l #	86
73) Isopropylbenzene	12.464	105	62880	4.318	ug/l	98
74) N-amyl acetate	12.269	43	20827	4.541	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	19979	5.233	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	15732m	4.781	ug/l	
77) Bromobenzene	12.745	156	17400	4.858	ug/l	93
78) n-propylbenzene	12.800	91	82458	4.508	ug/l	99
79) 2-Chlorotoluene	12.891	91	50795	4.584	ug/l	96
80) 1,3,5-Trimethylbenzene	12.940	105	53227	4.275	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	4797	4.329	ug/l	87
82) 4-Chlorotoluene	12.989	91	52940	4.521	ug/l	98
83) tert-Butylbenzene	13.202	119	45943	4.412	ug/l	98
84) 1,2,4-Trimethylbenzene	13.251	105	53509	4.233	ug/l	96
85) sec-Butylbenzene	13.379	105	69549	4.448	ug/l	99
86) p-Isopropyltoluene	13.495	119	56914	4.395	ug/l	97
87) 1,3-Dichlorobenzene	13.495	146	35563	5.020	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	37891	5.235	ug/l	96
89) n-Butylbenzene	13.818	91	57629	4.434	ug/l	97
90) Hexachloroethane	14.086	117	11800	4.889	ug/l	96
91) 1,2-Dichlorobenzene	13.866	146	33197	5.009	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	3485	5.336	ug/l	82
93) 1,2,4-Trichlorobenzene	15.122	180	17792	4.525	ug/l	98
94) Hexachlorobutadiene	15.232	225	9652	5.345	ug/l	89
95) Naphthalene	15.360	128	38646	4.095	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	16886	4.619	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032258.D
Acq On : 25 Sep 2025 10:45
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

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

Quant Time: Sep 26 06:46:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

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

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

Manual Integrations

Quant Time: Sep 26 06:46:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

