

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
 Data File : VW032141.D
 Acq On : 26 Aug 2025 11:29
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
 Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:50:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 03:44:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	214311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	368598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	341675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	172801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	295629	96.455	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 192.920%#			
35) Dibromofluoromethane	7.904	113	246791	95.431	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 190.860%#			
50) Toluene-d8	10.325	98	878263	96.743	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 193.480%#			
62) 4-Bromofluorobenzene	12.617	95	329277	98.087	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 196.180%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	130979	92.569	ug/l	98
3) Chloromethane	2.259	50	137307	92.554	ug/l	98
4) Vinyl Chloride	2.405	62	177256	91.991	ug/l	99
5) Bromomethane	2.820	94	158181	91.928	ug/l	99
6) Chloroethane	2.966	64	127686	94.095	ug/l	99
7) Trichlorofluoromethane	3.301	101	193157	101.172	ug/l	97
8) Diethyl Ether	3.722	74	134040	94.079	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	199429	92.726	ug/l	99
10) Methyl Iodide	4.301	142	314350	95.989	ug/l	99
11) Tert butyl alcohol	5.228	59	96529	514.893	ug/l	98
12) 1,1-Dichloroethene	4.082	96	213483	94.253	ug/l	92
13) Acrolein	3.929	56	139429	483.829	ug/l	98
14) Allyl chloride	4.704	41	317666	98.737	ug/l	99
15) Acrylonitrile	5.405	53	361906	522.461	ug/l	98
16) Acetone	4.161	43	306726	462.093	ug/l	96
17) Carbon Disulfide	4.417	76	548211	96.771	ug/l	99
18) Methyl Acetate	4.710	43	218721	103.419	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	430581	100.671	ug/l	99
20) Methylene Chloride	4.954	84	249401	99.223	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	247042	97.635	ug/l	90
22) Diisopropyl ether	6.344	45	703459	100.461	ug/l	95
23) Vinyl Acetate	6.283	43	2523955	530.152	ug/l	98
24) 1,1-Dichloroethane	6.246	63	439569	95.888	ug/l	100
25) 2-Butanone	7.197	43	497969	529.422	ug/l	98
26) 2,2-Dichloropropane	7.185	77	241129	99.327	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	302098	98.117	ug/l	100
28) Bromochloromethane	7.532	49	203663	97.052	ug/l	99
29) Tetrahydrofuran	7.551	42	318589	533.016	ug/l	99
30) Chloroform	7.697	83	503040	96.112	ug/l	98
31) Cyclohexane	7.971	56	341064	90.646	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	362994	95.007	ug/l	98
36) 1,1-Dichloropropene	8.099	75	326557	97.392	ug/l	99
37) Ethyl Acetate	7.276	43	209389	104.099	ug/l	100
38) Carbon Tetrachloride	8.081	117	351706	97.846	ug/l	97
39) Methylcyclohexane	9.343	83	405102	102.003	ug/l	96
40) Benzene	8.337	78	1004428	96.909	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
 Data File : VW032141.D
 Acq On : 26 Aug 2025 11:29
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 27 03:50:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 03:44:37 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
 Supervised By :Semsettin Yesilyurt 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	115019	102.923	ug/l	99
42) 1,2-Dichloroethane	8.410	62	347098	96.602	ug/l	100
43) Isopropyl Acetate	8.435	43	396615	105.105	ug/l	100
44) Trichloroethene	9.105	130	253041	97.081	ug/l	94
45) 1,2-Dichloropropane	9.380	63	237748	95.155	ug/l	98
46) Dibromomethane	9.465	93	170875	97.506	ug/l	98
47) Bromodichloromethane	9.654	83	391443	98.293	ug/l	97
48) Methyl methacrylate	9.441	41	189315	108.864	ug/l	96
49) 1,4-Dioxane	9.465	88	44927	2121.836	ug/l	99
51) 4-Methyl-2-Pentanone	10.215	43	1119796	525.549	ug/l	100
52) Toluene	10.392	92	665096	98.198	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	376829	107.262	ug/l	99
54) cis-1,3-Dichloropropene	10.081	75	411952	102.767	ug/l	100
55) 1,1,2-Trichloroethane	10.788	97	224549	98.537	ug/l	95
56) Ethyl methacrylate	10.648	69	315727	108.371	ug/l	99
57) 1,3-Dichloropropane	10.934	76	379137	99.362	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	835126	537.045	ug/l	99
59) 2-Hexanone	10.971	43	804518	542.911	ug/l	100
60) Dibromochloromethane	11.129	129	279965	101.529	ug/l	97
61) 1,2-Dibromoethane	11.239	107	222479	99.277	ug/l	98
64) Tetrachloroethene	10.861	164	219868	97.772	ug/l	94
65) Chlorobenzene	11.660	112	756186	97.233	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	253198	98.889	ug/l	98
67) Ethyl Benzene	11.733	91	1284877	100.837	ug/l	99
68) m/p-Xylenes	11.836	106	997778	203.463	ug/l	98
69) o-Xylene	12.166	106	470060	101.336	ug/l	97
70) Styrene	12.178	104	835536	102.182	ug/l	98
71) Bromoform	12.355	173	156842	103.138	ug/l #	98
73) Isopropylbenzene	12.464	105	1233680	105.088	ug/l	99
74) N-amyl acetate	12.269	43	366581	107.554	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	281272	100.818	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	208647m	93.254	ug/l	
77) Bromobenzene	12.745	156	285175	95.259	ug/l	92
78) n-propylbenzene	12.800	91	1464769	102.772	ug/l	98
79) 2-Chlorotoluene	12.891	91	882070	101.206	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	1025656	103.191	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	92959	115.615	ug/l	95
82) 4-Chlorotoluene	12.983	91	927084	99.374	ug/l	100
83) tert-Butylbenzene	13.202	119	857188	101.713	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	1045208	101.643	ug/l	98
85) sec-Butylbenzene	13.379	105	1260426	100.172	ug/l	100
86) p-Isopropyltoluene	13.495	119	1076959	100.646	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	590816	98.017	ug/l	98
88) 1,4-Dichlorobenzene	13.580	146	572395	94.738	ug/l	97
89) n-Butylbenzene	13.818	91	1058018	103.710	ug/l	99
90) Hexachloroethane	14.092	117	195499	99.884	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	530904	99.481	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	53172	107.882	ug/l	96
93) 1,2,4-Trichlorobenzene	15.129	180	332667	97.566	ug/l	95
94) Hexachlorobutadiene	15.232	225	155367	91.877	ug/l	92
95) Naphthalene	15.360	128	865221	112.125	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	324145	102.222	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032141.D
Acq On : 26 Aug 2025 11:29
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 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\VW082625\
Data File : VW032141.D
Acq On : 26 Aug 2025 11:29
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

