

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121625\
 Data File : VW032656.D
 Acq On : 16 Dec 2025 14:53
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 17 00:41:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 00:33:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	378756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	666448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	614875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	267869	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	711029	130.865	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 261.740%#	
35) Dibromofluoromethane	7.898	113	598905	138.288	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 276.580%#	
50) Toluene-d8	10.325	98	2220809	136.082	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 272.160%#	
62) 4-Bromofluorobenzene	12.617	95	822142	136.967	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 273.940%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.040	85	297847	135.140	ug/l	99
3) Chloromethane	2.253	50	510354	130.472	ug/l	99
4) Vinyl Chloride	2.399	62	648037	130.751	ug/l	99
5) Bromomethane	2.808	94	430664	132.973	ug/l	97
6) Chloroethane	2.954	64	438161	137.004	ug/l	97
7) Trichlorofluoromethane	3.295	101	636374	146.888	ug/l	96
8) Diethyl Ether	3.716	74	384711	140.186	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	573609	132.976	ug/l	97
10) Methyl Iodide	4.307	142	830206	136.259	ug/l	100
11) Tert butyl alcohol	5.216	59	272271	759.063	ug/l	97
12) 1,1-Dichloroethene	4.076	96	614463	135.611	ug/l	97
13) Acrolein	3.923	56	317182	618.838	ug/l	98
14) Allyl chloride	4.704	41	1203131	146.036	ug/l	100
15) Acrylonitrile	5.399	53	1118506	740.596	ug/l	99
16) Acetone	4.161	43	1161011	622.122	ug/l	100
17) Carbon Disulfide	4.411	76	1769243	138.839	ug/l	99
18) Methyl Acetate	4.704	43	548228	153.239	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	1320846	142.765	ug/l	97
20) Methylene Chloride	4.948	84	719917	151.891	ug/l	97
21) trans-1,2-Dichloroethene	5.454	96	683996	139.568	ug/l	96
22) Diisopropyl ether	6.338	45	2369238	142.752	ug/l	96
23) Vinyl Acetate	6.283	43	8288479	752.023	ug/l	99
24) 1,1-Dichloroethane	6.240	63	1354670	140.632	ug/l	99
25) 2-Butanone	7.191	43	1531766	722.092	ug/l	97
26) 2,2-Dichloropropane	7.185	77	789172	136.858	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	835620	145.864	ug/l	99
28) Bromochloromethane	7.532	49	574686	157.651	ug/l	100
29) Tetrahydrofuran	7.551	42	973339	761.836	ug/l	99
30) Chloroform	7.691	83	1315072	137.166	ug/l	98
31) Cyclohexane	7.971	56	1174546	131.526	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	995427	136.323	ug/l	99
36) 1,1-Dichloropropene	8.099	75	935663	139.507	ug/l	99
37) Ethyl Acetate	7.270	43	674446	151.420	ug/l	99
38) Carbon Tetrachloride	8.081	117	908864	143.153	ug/l	96
39) Methylcyclohexane	9.343	83	1259513	149.957	ug/l	97
40) Benzene	8.337	78	2833240	140.633	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121625\
 Data File : VW032656.D
 Acq On : 16 Dec 2025 14:53
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 17 00:41:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 00:33:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	389842	157.888	ug/l	98
42) 1,2-Dichloroethane	8.410	62	905607	142.059	ug/l	100
43) Isopropyl Acetate	8.435	43	1210238	156.074	ug/l	99
44) Trichloroethene	9.099	130	678327	145.578	ug/l	92
45) 1,2-Dichloropropane	9.374	63	733863	142.830	ug/l	97
46) Dibromomethane	9.465	93	424720	143.693	ug/l	99
47) Bromodichloromethane	9.648	83	1031562	148.081	ug/l	98
48) Methyl methacrylate	9.441	41	611827	163.888	ug/l	94
49) 1,4-Dioxane	9.465	88	120095	3202.409	ug/l #	97
51) 4-Methyl-2-Pentanone	10.215	43	3253410	747.036	ug/l	98
52) Toluene	10.392	92	1804731	145.478	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	1048122	154.640	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	1192941	151.337	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	565433	141.100	ug/l	99
56) Ethyl methacrylate	10.648	69	910378	163.590	ug/l	98
57) 1,3-Dichloropropane	10.934	76	1045556	147.284	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	2266282	766.299	ug/l	99
59) 2-Hexanone	10.971	43	2346099	747.792	ug/l	99
60) Dibromochloromethane	11.129	129	674301	151.849	ug/l	97
61) 1,2-Dibromoethane	11.233	107	555948	145.540	ug/l	98
64) Tetrachloroethene	10.867	164	564078	143.804	ug/l	90
65) Chlorobenzene	11.660	112	1970007	140.974	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	598116	139.818	ug/l	91
67) Ethyl Benzene	11.727	91	3453268	144.580	ug/l	98
68) m/p-Xylenes	11.837	106	2598549	285.244	ug/l	98
69) o-Xylene	12.166	106	1234309	148.309	ug/l	99
70) Styrene	12.178	104	2132891	147.086	ug/l	99
71) Bromoform	12.349	173	362723	151.765	ug/l #	99
73) Isopropylbenzene	12.458	105	3194850	158.509	ug/l	99
74) N-amyl acetate	12.269	43	1084099	164.635	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	705964	147.372	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	520344m	85.043	ug/l	
77) Bromobenzene	12.745	156	687092	147.947	ug/l	95
78) n-propylbenzene	12.800	91	3883898	152.084	ug/l	98
79) 2-Chlorotoluene	12.891	91	2264901	148.888	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	2597066	154.557	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	260891	166.979	ug/l	91
82) 4-Chlorotoluene	12.983	91	2335235	144.562	ug/l	99
83) tert-Butylbenzene	13.202	119	2239568	155.295	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	2584887	151.405	ug/l	98
85) sec-Butylbenzene	13.379	105	3328383	151.275	ug/l	100
86) p-Isopropyltoluene	13.495	119	2754948	152.911	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	1341515	143.521	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	1369308	145.824	ug/l	98
89) n-Butylbenzene	13.818	91	2803703	154.746	ug/l	99
90) Hexachloroethane	14.086	117	523621	154.636	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	1267508	149.792	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	130117	157.844	ug/l	96
93) 1,2,4-Trichlorobenzene	15.123	180	793067	158.334	ug/l	97
94) Hexachlorobutadiene	15.232	225	358625	153.214	ug/l	97
95) Naphthalene	15.354	128	1989351	168.948	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	736702	163.710	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121625\
Data File : VW032656.D
Acq On : 16 Dec 2025 14:53
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Quant Time: Dec 17 00:41:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121625S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 17 00:33:11 2025
Response via : Initial Calibration

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

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

