

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120325\
 Data File : VW032568.D
 Acq On : 03 Dec 2025 13:20
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 04 03:50:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:43:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/04/2025
 Supervised By : Semsettin Yesilyurt 12/04/2025

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	344845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	632962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	569805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	253448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	760845	148.257	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 296.520%#			
35) Dibromofluoromethane	7.905	113	638689	153.335	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 306.660%#			
50) Toluene-d8	10.325	98	2424884	154.712	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 309.420%#			
62) 4-Bromofluorobenzene	12.617	95	869102	150.085	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 300.160%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.040	85	307548	144.081	ug/l	92
3) Chloromethane	2.253	50	566242	144.303	ug/l	99
4) Vinyl Chloride	2.406	62	668896	140.504	ug/l	97
5) Bromomethane	2.814	94	450952	142.634	ug/l	92
6) Chloroethane	2.966	64	453956	147.632	ug/l	100
7) Trichlorofluoromethane	3.302	101	567062	153.675	ug/l	97
8) Diethyl Ether	3.722	74	410909	150.635	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	549768	140.925	ug/l	99
10) Methyl Iodide	4.308	142	904368	153.707	ug/l	96
11) Tert butyl alcohol	5.216	59	283606	718.481	ug/l #	87
12) 1,1-Dichloroethene	4.082	96	635060	144.380	ug/l	99
13) Acrolein	3.930	56	563429	805.333	ug/l	100
14) Allyl chloride	4.704	41	1258443	156.295	ug/l	99
15) Acrylonitrile	5.399	53	1128865	788.026	ug/l	99
16) Acetone	4.161	43	1277870	796.857	ug/l	99
17) Carbon Disulfide	4.417	76	1950048	149.648	ug/l	98
18) Methyl Acetate	4.710	43	508043	153.818	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	1278982	156.000	ug/l	99
20) Methylene Chloride	4.954	84	753644	131.413	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	721177	150.057	ug/l	97
22) Diisopropyl ether	6.344	45	2485007	154.645	ug/l	98
23) Vinyl Acetate	6.283	43	8659113	813.238	ug/l	100
24) 1,1-Dichloroethane	6.246	63	1395226	149.550	ug/l	99
25) 2-Butanone	7.191	43	1670432	811.659	ug/l	99
26) 2,2-Dichloropropane	7.185	77	742823	137.348	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	867694	155.080	ug/l	99
28) Bromochloromethane	7.533	49	635234	151.575	ug/l	99
29) Tetrahydrofuran	7.551	42	1000047	813.819	ug/l	99
30) Chloroform	7.697	83	1372018	148.182	ug/l	97
31) Cyclohexane	7.972	56	1160978	141.125	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	985298	146.623	ug/l	99
36) 1,1-Dichloropropene	8.100	75	975846	153.595	ug/l	99
37) Ethyl Acetate	7.270	43	681623	155.028	ug/l	100
38) Carbon Tetrachloride	8.087	117	892447	151.197	ug/l	92
39) Methylcyclohexane	9.343	83	1230826	158.653	ug/l	98
40) Benzene	8.337	78	3052873	150.785	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120325\
 Data File : VW032568.D
 Acq On : 03 Dec 2025 13:20
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 04 03:50:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:43:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	424590	178.472	ug/l	97
42) 1,2-Dichloroethane	8.411	62	941373	151.647	ug/l	99
43) Isopropyl Acetate	8.435	43	1235816	163.523	ug/l	100
44) Trichloroethene	9.106	130	683213	150.982	ug/l	91
45) 1,2-Dichloropropane	9.374	63	766457	152.411	ug/l	96
46) Dibromomethane	9.465	93	442404	152.131	ug/l	99
47) Bromodichloromethane	9.648	83	1079333	158.352	ug/l	98
48) Methyl methacrylate	9.441	41	585778	170.511	ug/l	93
49) 1,4-Dioxane	9.465	88	120400	3464.888	ug/l #	91
51) 4-Methyl-2-Pentanone	10.215	43	3331273	796.619	ug/l	98
52) Toluene	10.392	92	1913501	156.851	ug/l	96
53) t-1,3-Dichloropropene	10.611	75	1106047	169.147	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	1242091	161.865	ug/l	95
55) 1,1,2-Trichloroethane	10.788	97	594451	152.619	ug/l	92
56) Ethyl methacrylate	10.648	69	948462	176.082	ug/l	99
57) 1,3-Dichloropropane	10.934	76	1060340	152.538	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.929	63	2456147	870.246	ug/l	99
59) 2-Hexanone	10.971	43	2469400	829.176	ug/l	97
60) Dibromochloromethane	11.130	129	681720	156.162	ug/l	98
61) 1,2-Dibromoethane	11.239	107	571696	154.336	ug/l	98
64) Tetrachloroethene	10.867	164	570454	150.101	ug/l	91
65) Chlorobenzene	11.654	112	2046322	151.987	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.733	131	636011	152.732	ug/l	97
67) Ethyl Benzene	11.727	91	3674648	160.796	ug/l	100
68) m/p-Xylenes	11.837	106	2726282	313.781	ug/l	98
69) o-Xylene	12.166	106	1288302	161.908	ug/l	95
70) Styrene	12.178	104	2234499	160.096	ug/l	99
71) Bromoform	12.349	173	384325	167.831	ug/l #	99
73) Isopropylbenzene	12.459	105	3238130	172.231	ug/l	100
74) N-amyl acetate	12.270	43	1116097	179.335	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	713958	161.316	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	520910m	150.812	ug/l	
77) Bromobenzene	12.745	156	744177	167.444	ug/l	96
78) n-propylbenzene	12.800	91	3955189	164.897	ug/l	98
79) 2-Chlorotoluene	12.891	91	2376967	166.210	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	2685262	167.388	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	266840	182.999	ug/l	95
82) 4-Chlorotoluene	12.983	91	2468799	161.414	ug/l	99
83) tert-Butylbenzene	13.202	119	2286132	172.790	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	2735793	170.721	ug/l	99
85) sec-Butylbenzene	13.379	105	3374724	165.372	ug/l	98
86) p-Isopropyltoluene	13.495	119	2903764	172.762	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	1471665	161.952	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	1378445	152.831	ug/l	96
89) n-Butylbenzene	13.818	91	2862995	167.732	ug/l	99
90) Hexachloroethane	14.092	117	540322	167.848	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	1248934	156.690	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.477	75	128630	168.565	ug/l	93
93) 1,2,4-Trichlorobenzene	15.123	180	866787	178.552	ug/l	98
94) Hexachlorobutadiene	15.220	225	359013	160.664	ug/l	97
95) Naphthalene	15.361	128	2110720	193.874	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	759368	172.185	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120325\
Data File : VW032568.D
Acq On : 03 Dec 2025 13:20
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

Quant Time: Dec 04 03:50:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:43:50 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\VW120325\
 Data File : VW032568.D
 Acq On : 03 Dec 2025 13:20
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 04 03:50:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:43:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/04/2025
 Supervised By : Semsettin Yesilyurt 12/04/2025

