

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
 Data File : VW032423.D
 Acq On : 11 Nov 2025 12:28
 Operator : SY/MD
 Sample : Q3530-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Quant Time: Nov 12 03:47:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	407563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	752467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	683543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	329831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	272295	51.822	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 103.640%			
35) Dibromofluoromethane	7.904	113	233887	51.915	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 103.820%			
50) Toluene-d8	10.324	98	897315	51.918	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 103.840%			
62) 4-Bromofluorobenzene	12.617	95	334279	51.199	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 102.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.051	85	8833m	4.272	ug/l	
3) Chloromethane	2.253	50	16407	4.629	ug/l	89
4) Vinyl Chloride	2.399	62	19065	4.262	ug/l	89
5) Bromomethane	2.826	94	13955	4.664	ug/l	98
6) Chloroethane	2.972	64	12384	4.232	ug/l	92
7) Trichlorofluoromethane	3.307	101	13543	3.862	ug/l #	79
8) Diethyl Ether	3.722	74	12388	4.320	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.112	101	16843	4.409	ug/l	97
10) Methyl Iodide	4.313	142	26201	4.258	ug/l	97
11) Tert butyl alcohol	5.222	59	11481	25.269	ug/l #	93
12) 1,1-Dichloroethene	4.075	96	19754	4.509	ug/l #	92
13) Acrolein	3.941	56	12789	16.776	ug/l	95
14) Allyl chloride	4.709	41	33925	4.027	ug/l	98
15) Acrylonitrile	5.404	53	32962	19.882	ug/l	99
16) Acetone	4.167	43	31736	20.188	ug/l	97
17) Carbon Disulfide	4.423	76	52629	4.065	ug/l	98
18) Methyl Acetate	4.709	43	16836	4.325	ug/l	96
19) Methyl tert-butyl Ether	5.471	73	37564	4.068	ug/l	92
20) Methylene Chloride	4.959	84	29987	5.334	ug/l	91
21) trans-1,2-Dichloroethene	5.459	96	20875	4.167	ug/l	97
22) Diisopropyl ether	6.337	45	69699	4.064	ug/l	92
23) Vinyl Acetate	6.288	43	218316	18.578	ug/l	98
24) 1,1-Dichloroethane	6.246	63	40082	4.265	ug/l	98
25) 2-Butanone	7.203	43	44004	19.000	ug/l	97
26) 2,2-Dichloropropane	7.191	77	25663	4.900	ug/l	93
27) cis-1,2-Dichloroethene	7.191	96	25231	4.216	ug/l	95
28) Bromochloromethane	7.532	49	18427	4.149	ug/l	99
29) Tetrahydrofuran	7.563	42	27915	18.990	ug/l	98
30) Chloroform	7.697	83	41256	4.485	ug/l	97
31) Cyclohexane	7.971	56	42014	4.833	ug/l #	79
32) 1,1,1-Trichloroethane	7.886	97	29309	4.460	ug/l	95
36) 1,1-Dichloropropene	8.099	75	27468	4.138	ug/l	97
37) Ethyl Acetate	7.282	43	20210	4.094	ug/l	96
38) Carbon Tetrachloride	8.081	117	24889	4.220	ug/l	97
39) Methylcyclohexane	9.343	83	33498	3.895	ug/l	87
40) Benzene	8.337	78	92930	4.347	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
 Data File : VW032423.D
 Acq On : 11 Nov 2025 12:28
 Operator : SY/MD
 Sample : Q3530-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Quant Time: Nov 12 03:47:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	10071	3.714	ug/l	95
42) 1,2-Dichloroethane	8.416	62	27400	4.364	ug/l	99
43) Isopropyl Acetate	8.434	43	34477	3.945	ug/l	98
44) Trichloroethene	9.105	130	19938	4.008	ug/l	100
45) 1,2-Dichloropropane	9.379	63	22632	4.252	ug/l	96
46) Dibromomethane	9.471	93	12747	4.098	ug/l	96
47) Bromodichloromethane	9.648	83	28421	4.006	ug/l	96
48) Methyl methacrylate	9.446	41	16342m	3.935	ug/l	
49) 1,4-Dioxane	9.465	88	3383	77.638	ug/l #	80
51) 4-Methyl-2-Pentanone	10.215	43	91175	18.870	ug/l	99
52) Toluene	10.391	92	56405	4.272	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	27574	3.773	ug/l	97
54) cis-1,3-Dichloropropene	10.074	75	33247	3.934	ug/l	97
55) 1,1,2-Trichloroethane	10.794	97	18403	4.313	ug/l	92
56) Ethyl methacrylate	10.647	69	23438	3.580	ug/l	97
57) 1,3-Dichloropropane	10.934	76	31313	4.109	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.928	63	56992	16.346	ug/l	99
59) 2-Hexanone	10.971	43	62192	17.593	ug/l	97
60) Dibromochloromethane	11.129	129	18804	3.946	ug/l	99
61) 1,2-Dibromoethane	11.239	107	17078	4.109	ug/l	98
64) Tetrachloroethene	10.867	164	17925	4.428	ug/l #	90
65) Chlorobenzene	11.659	112	60909	4.134	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.726	131	17936	3.934	ug/l	96
67) Ethyl Benzene	11.733	91	100486	3.942	ug/l	99
68) m/p-Xylenes	11.836	106	76406	7.983	ug/l	97
69) o-Xylene	12.165	106	35342	3.856	ug/l	96
70) Styrene	12.178	104	59170	3.753	ug/l	99
71) Bromoform	12.348	173	9985	3.697	ug/l #	98
73) Isopropylbenzene	12.464	105	85723	3.539	ug/l	100
74) N-amyl acetate	12.269	43	27801	3.303	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	22446	3.904	ug/l	95
76) 1,2,3-Trichloropropane	12.763	75	20081m	4.440	ug/l	
77) Bromobenzene	12.745	156	22342	3.895	ug/l	96
78) n-propylbenzene	12.799	91	110921	3.760	ug/l	98
79) 2-Chlorotoluene	12.891	91	70425	3.911	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	73959	3.701	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	6147	3.113	ug/l #	78
82) 4-Chlorotoluene	12.988	91	74190	3.961	ug/l	98
83) tert-Butylbenzene	13.202	119	60161	3.461	ug/l	95
84) 1,2,4-Trimethylbenzene	13.245	105	75383	3.709	ug/l	98
85) sec-Butylbenzene	13.379	105	91359	3.529	ug/l	99
86) p-Isopropyltoluene	13.494	119	75967	3.554	ug/l	99
87) 1,3-Dichlorobenzene	13.494	146	45320	4.168	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	44886	4.029	ug/l	87
89) n-Butylbenzene	13.818	91	76465	3.661	ug/l	98
90) Hexachloroethane	14.092	117	14744	3.825	ug/l	93
91) 1,2-Dichlorobenzene	13.866	146	42568	4.264	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	3709	3.745	ug/l	98
93) 1,2,4-Trichlorobenzene	15.128	180	23993	3.777	ug/l	95
94) Hexachlorobutadiene	15.226	225	10566	4.004	ug/l	94
95) Naphthalene	15.360	128	51068	3.224	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	22018	3.818	ug/l	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032423.D
Acq On : 11 Nov 2025 12:28
Operator : SY/MD
Sample : Q3530-01
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

Quant Time: Nov 12 03:47:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

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

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

