

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090425\
 Data File : VD080509.D
 Acq On : 04 Sep 2025 11:51
 Operator : RP/MD
 Sample : Q2893-01
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025

Quant Time: Sep 05 03:51:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 05 03:51:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	384551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	684266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	590167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	275794	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.229	65	189359	43.646	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.300%
35) Dibromofluoromethane	7.806	113	194986	43.061	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.120%
50) Toluene-d8	10.270	98	785169	43.927	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.860%
62) 4-Bromofluorobenzene	12.570	95	241143	41.423	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.840%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.935	85	7958	2.431	ug/l	91
3) Chloromethane	2.147	50	11345	2.195	ug/l #	85
4) Vinyl Chloride	2.288	62	12475	2.339	ug/l	89
5) Bromomethane	2.700	94	9555	3.188	ug/l	98
6) Chloroethane	2.841	64	9023	2.592	ug/l	93
7) Trichlorofluoromethane	3.176	101	15366	2.473	ug/l	95
8) Diethyl Ether	3.594	74	6174	2.508	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.976	101	10620	2.635	ug/l #	87
10) Methyl Iodide	4.165	142	9840	2.115	ug/l	95
11) Tert butyl alcohol	5.053	59	3999	12.737	ug/l #	73
12) 1,1-Dichloroethene	3.947	96	9664	2.301	ug/l	93
13) Acrolein	3.806	56	551	1.651	ug/l #	65
14) Allyl chloride	4.565	41	15020	2.061	ug/l	93
15) Acrylonitrile	5.253	53	11701	10.673	ug/l	98
16) Acetone	4.023	43	17511	17.240	ug/l	93
17) Carbon Disulfide	4.276	76	27970	1.970	ug/l	97
18) Methyl Acetate	4.565	43	7413	2.593	ug/l #	76
19) Methyl tert-butyl Ether	5.312	73	23628	2.144	ug/l	99
20) Methylene Chloride	4.800	84	26581	4.764	ug/l	97
21) trans-1,2-Dichloroethene	5.312	96	10649	2.215	ug/l #	76
22) Diisopropyl ether	6.212	45	32410	2.161	ug/l	97
23) Vinyl Acetate	6.153	43	79960	9.368	ug/l	95
24) 1,1-Dichloroethane	6.112	63	19026	2.191	ug/l #	92
25) 2-Butanone	7.088	43	17977	12.500	ug/l	90
26) 2,2-Dichloropropane	7.076	77	16412	2.387	ug/l	97
27) cis-1,2-Dichloroethene	7.082	96	13009	2.267	ug/l	97
28) Bromochloromethane	7.417	49	8654	2.446	ug/l #	93
29) Tetrahydrofuran	7.453	42	10074	11.085	ug/l	97
30) Chloroform	7.594	83	18850	2.271	ug/l	88
31) Cyclohexane	7.876	56	25681	3.160	ug/l #	72
32) 1,1,1-Trichloroethane	7.794	97	16637	2.407	ug/l	99
36) 1,1-Dichloropropene	8.011	75	15207	2.536	ug/l	98
37) Ethyl Acetate	7.170	43	7472	2.591	ug/l #	70
38) Carbon Tetrachloride	7.994	117	13742	2.408	ug/l	86
39) Methylcyclohexane	9.276	83	19603	2.456	ug/l #	84
40) Benzene	8.247	78	41836	2.192	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090425\
 Data File : VD080509.D
 Acq On : 04 Sep 2025 11:51
 Operator : RP/MD
 Sample : Q2893-01
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025

Quant Time: Sep 05 03:51:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 05 03:51:03 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	4091m	2.390	ug/l	
42) 1,2-Dichloroethane	8.323	62	10488	2.269	ug/l	85
43) Isopropyl Acetate	8.358	43	13210	2.252	ug/l	97
44) Trichloroethene	9.029	130	11587	2.503	ug/l	81
45) 1,2-Dichloropropane	9.306	63	10315	2.179	ug/l	90
46) Dibromomethane	9.394	93	6237	2.460	ug/l	94
47) Bromodichloromethane	9.588	83	13913	2.251	ug/l	95
48) Methyl methacrylate	9.376	41	5231	1.799	ug/l #	80
49) 1,4-Dioxane	9.382	88	1224	39.047	ug/l	96
51) 4-Methyl-2-Pentanone	10.158	43	32264	11.027	ug/l	98
52) Toluene	10.335	92	28636	2.406	ug/l	98
53) t-1,3-Dichloropropene	10.553	75	13992	2.221	ug/l	96
54) cis-1,3-Dichloropropene	10.017	75	16774	2.227	ug/l	93
55) 1,1,2-Trichloroethane	10.729	97	8611	2.533	ug/l	95
56) Ethyl methacrylate	10.594	69	10843	2.289	ug/l	98
57) 1,3-Dichloropropane	10.876	76	13345	2.237	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.870	63	20551	11.212	ug/l	99
59) 2-Hexanone	10.923	43	24106	11.596	ug/l	100
60) Dibromochloromethane	11.070	129	10076	2.352	ug/l	99
61) 1,2-Dibromoethane	11.176	107	7147	2.209	ug/l	98
64) Tetrachloroethene	10.811	164	9515	2.611	ug/l #	90
65) Chlorobenzene	11.605	112	30919	2.459	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.682	131	8716	2.173	ug/l	90
67) Ethyl Benzene	11.682	91	51141	2.349	ug/l	94
68) m/p-Xylenes	11.794	106	40073	4.781	ug/l	100
69) o-Xylene	12.117	106	18285	2.286	ug/l	96
70) Styrene	12.135	104	31276	2.299	ug/l	95
71) Bromoform	12.294	173	5746	2.520	ug/l #	96
73) Isopropylbenzene	12.417	105	48589	2.405	ug/l	100
74) N-amyl acetate	12.235	43	12513	2.334	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.676	83	8703	2.317	ug/l	100
76) 1,2,3-Trichloropropane	12.717	75	5073m	2.254	ug/l	
77) Bromobenzene	12.705	156	10873	2.326	ug/l	95
78) n-propylbenzene	12.758	91	60919	2.483	ug/l	99
79) 2-Chlorotoluene	12.846	91	35013	2.504	ug/l	98
80) 1,3,5-Trimethylbenzene	12.905	105	40205	2.449	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.464	75	3093m	2.086	ug/l	
82) 4-Chlorotoluene	12.946	91	34826	2.422	ug/l	100
83) tert-Butylbenzene	13.164	119	35940	2.523	ug/l	95
84) 1,2,4-Trimethylbenzene	13.211	105	39403	2.383	ug/l	97
85) sec-Butylbenzene	13.341	105	53885	2.534	ug/l	99
86) p-Isopropyltoluene	13.458	119	44370	2.495	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	23552	2.613	ug/l	98
88) 1,4-Dichlorobenzene	13.535	146	22990	2.540	ug/l	82
89) n-Butylbenzene	13.782	91	43267	2.554	ug/l	98
90) Hexachloroethane	14.052	117	8300	2.413	ug/l	97
91) 1,2-Dichlorobenzene	13.829	146	20099	2.506	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.441	75	1432	2.540	ug/l	91
93) 1,2,4-Trichlorobenzene	15.093	180	13431	2.672	ug/l	96
94) Hexachlorobutadiene	15.205	225	7164	3.136	ug/l	92
95) Naphthalene	15.329	128	27642	2.585	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.517	180	11589	2.694	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090425\
Data File : VD080509.D
Acq On : 04 Sep 2025 11:51
Operator : RP/MD
Sample : Q2893-01
Misc : 5.00G/5ml/MSVOA_D/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Quant Time: Sep 05 03:51:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 05 03:51:03 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_D\Data\VD080425\
Data File : VD080509.D
Acq On : 04 Sep 2025 11:51
Operator : RP/MD
Sample : Q2893-01
Misc : 5.00G/5ml/MSVOA_D/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Quant Time: Sep 05 03:51:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 05 03:51:03 2025
Response via : Initial Calibration

