

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050625\
 Data File : VD080297.D
 Acq On : 06 May 2025 16:43
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD050625

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
 Supervised By :Semsettin Yesilyurt 05/07/2025

Quant Time: May 07 03:40:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 03:36:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	118569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.782	114	203139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	194714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	105584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	79985	52.165	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.340%			
35) Dibromofluoromethane	7.805	113	71600	52.589	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.180%			
50) Toluene-d8	10.270	98	277923	51.808	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.620%			
62) 4-Bromofluorobenzene	12.570	95	89935	52.232	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.460%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	45141	42.412	ug/l	97
3) Chloromethane	2.153	50	98635	48.244	ug/l	99
4) Vinyl Chloride	2.276	62	125016	40.558	ug/l	95
5) Bromomethane	2.682	94	91547	41.260	ug/l	99
6) Chloroethane	2.829	64	93264	42.793	ug/l	98
7) Trichlorofluoromethane	3.164	101	98696	41.757	ug/l	97
8) Diethyl Ether	3.594	74	33992	46.590	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.959	101	58092	39.891	ug/l	98
10) Methyl Iodide	4.159	142	71935	48.458	ug/l	97
11) Tert butyl alcohol	5.070	59	21471	230.766	ug/l #	67
12) 1,1-Dichloroethene	3.935	96	59948	41.756	ug/l #	93
13) Acrolein	3.800	56	41542	253.759	ug/l	96
14) Allyl chloride	4.559	41	105709	46.816	ug/l	99
15) Acrylonitrile	5.253	53	82879	236.284	ug/l	99
16) Acetone	4.023	43	60747	258.617	ug/l	97
17) Carbon Disulfide	4.264	76	211120	42.347	ug/l #	95
18) Methyl Acetate	4.570	43	45817	46.179	ug/l	97
19) Methyl tert-butyl Ether	5.323	73	158777	50.341	ug/l	97
20) Methylene Chloride	4.800	84	81792	49.945	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	71924	46.114	ug/l	97
22) Diisopropyl ether	6.217	45	232631	50.015	ug/l	97
23) Vinyl Acetate	6.158	43	682597	251.975	ug/l	99
24) 1,1-Dichloroethane	6.111	63	135265	46.215	ug/l	98
25) 2-Butanone	7.082	43	99493	235.833	ug/l	96
26) 2,2-Dichloropropane	7.070	77	103438	44.414	ug/l	98
27) cis-1,2-Dichloroethene	7.076	96	84223	48.740	ug/l	97
28) Bromochloromethane	7.429	49	66229	48.599	ug/l	100
29) Tetrahydrofuran	7.447	42	67873	246.746	ug/l	98
30) Chloroform	7.594	83	138801	47.555	ug/l	99
31) Cyclohexane	7.882	56	104540	41.967	ug/l	96
32) 1,1,1-Trichloroethane	7.794	97	110760	46.513	ug/l	96
36) 1,1-Dichloropropene	8.005	75	93576	45.987	ug/l	99
37) Ethyl Acetate	7.170	43	48162	45.264	ug/l	97
38) Carbon Tetrachloride	7.994	117	92465	43.572	ug/l	95
39) Methylcyclohexane	9.276	83	101426	42.956	ug/l	97
40) Benzene	8.252	78	296898	46.567	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050625\
 Data File : VD080297.D
 Acq On : 06 May 2025 16:43
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD050625

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
 Supervised By :Semsettin Yesilyurt 05/07/2025

Quant Time: May 07 03:40:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 03:36:54 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	29896m	50.772	ug/l	
42) 1,2-Dichloroethane	8.323	62	85727	46.402	ug/l	100
43) Isopropyl Acetate	8.358	43	91434	47.388	ug/l #	85
44) Trichloroethene	9.029	130	67692	45.738	ug/l	94
45) 1,2-Dichloropropane	9.305	63	78183	47.814	ug/l	97
46) Dibromomethane	9.394	93	43272	48.605	ug/l	97
47) Bromodichloromethane	9.582	83	107105	47.399	ug/l	98
48) Methyl methacrylate	9.382	41	44954	49.035	ug/l	97
49) 1,4-Dioxane	9.382	88	10772	1017.706	ug/l	94
51) 4-Methyl-2-Pentanone	10.158	43	251827	253.309	ug/l	100
52) Toluene	10.335	92	184689	48.083	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	98185	47.662	ug/l	96
54) cis-1,3-Dichloropropene	10.017	75	113369	47.491	ug/l	96
55) 1,1,2-Trichloroethane	10.729	97	54307	46.116	ug/l	97
56) Ethyl methacrylate	10.599	69	70970	49.734	ug/l	99
57) 1,3-Dichloropropane	10.882	76	95096	48.588	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.870	63	164692	282.016	ug/l	99
59) 2-Hexanone	10.917	43	172755	252.611	ug/l	98
60) Dibromochloromethane	11.070	129	72084	48.844	ug/l	99
61) 1,2-Dibromoethane	11.176	107	51167	46.857	ug/l	97
64) Tetrachloroethene	10.805	164	58530	44.389	ug/l	97
65) Chlorobenzene	11.605	112	199654	45.411	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.682	131	69446	45.976	ug/l	99
67) Ethyl Benzene	11.682	91	344626	46.906	ug/l	99
68) m/p-Xylenes	11.793	106	270374	94.775	ug/l	100
69) o-Xylene	12.117	106	126290	48.445	ug/l	95
70) Styrene	12.135	104	228204	48.751	ug/l	99
71) Bromoform	12.299	173	41060	45.753	ug/l #	97
73) Isopropylbenzene	12.417	105	314338	45.895	ug/l	99
74) N-amyl acetate	12.229	43	92622	47.118	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	67618	44.895	ug/l	99
76) 1,2,3-Trichloropropane	12.723	75	50539m	49.595	ug/l	
77) Bromobenzene	12.699	156	81142	45.673	ug/l	97
78) n-propylbenzene	12.758	91	401350	46.696	ug/l	100
79) 2-Chlorotoluene	12.846	91	234241	46.853	ug/l	98
80) 1,3,5-Trimethylbenzene	12.899	105	278265	47.634	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.470	75	24662	45.939	ug/l	98
82) 4-Chlorotoluene	12.946	91	251073	46.524	ug/l	100
83) tert-Butylbenzene	13.164	119	227435	46.656	ug/l	100
84) 1,2,4-Trimethylbenzene	13.211	105	289078	48.365	ug/l	100
85) sec-Butylbenzene	13.340	105	350459	46.620	ug/l	100
86) p-Isopropyltoluene	13.458	119	300526	47.567	ug/l	100
87) 1,3-Dichlorobenzene	13.458	146	169779	45.824	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	166704	44.632	ug/l	98
89) n-Butylbenzene	13.782	91	279673	45.601	ug/l	98
90) Hexachloroethane	14.052	117	63410	45.361	ug/l	99
91) 1,2-Dichlorobenzene	13.829	146	148574	46.163	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.446	75	11070	46.117	ug/l	94
93) 1,2,4-Trichlorobenzene	15.093	180	92411	45.656	ug/l	100
94) Hexachlorobutadiene	15.199	225	44621	42.374	ug/l	96
95) Naphthalene	15.329	128	176588	46.464	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	82498	45.572	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050625\
Data File : VD080297.D
Acq On : 06 May 2025 16:43
Operator : RP/MD
Sample : VSTDICV050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

Quant Time: May 07 03:40:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260
QLast Update : Wed May 07 03:36:54 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\VD050625\
Data File : VD080297.D
Acq On : 06 May 2025 16:43
Operator : RP/MD
Sample : VSTDICV050
Misc : 5.00G/5.0ml/MSVOA_D/soil
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD050625

Quant Time: May 07 03:40:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260
QLast Update : Wed May 07 03:36:54 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

