

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062625\
 Data File : VD080473.D
 Acq On : 26 Jun 2025 10:17
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025
 Supervised By :Semsettin Yesilyurt 06/27/2025

Quant Time: Jun 27 04:58:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 04:51:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	517534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	933195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	801394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.511	152	362342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.235	65	50973	10.047	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.100%#		
35) Dibromofluoromethane	7.806	113	52249	9.999	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.000%#		
50) Toluene-d8	10.270	98	215582	10.212	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.420%#		
62) 4-Bromofluorobenzene	12.570	95	72956	10.540	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	21.080%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	47392	10.301	ug/l	98
3) Chloromethane	2.147	50	64909	10.102	ug/l	96
4) Vinyl Chloride	2.282	62	63036	9.671	ug/l	96
5) Bromomethane	2.694	94	35109	9.745	ug/l	94
6) Chloroethane	2.841	64	42601	10.412	ug/l	93
7) Trichlorofluoromethane	3.176	101	81424	9.930	ug/l	97
8) Diethyl Ether	3.594	74	31925	10.002	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.976	101	54359	10.021	ug/l	99
10) Methyl Iodide	4.159	142	55365	8.667	ug/l	99
11) Tert butyl alcohol	5.041	59	20911	50.619	ug/l	96
12) 1,1-Dichloroethene	3.935	96	58225	9.941	ug/l	97
13) Acrolein	3.800	56	28866	51.276	ug/l	96
14) Allyl chloride	4.565	41	101590	9.906	ug/l	99
15) Acrylonitrile	5.253	53	73450	48.364	ug/l	99
16) Acetone	4.023	43	76629	58.456	ug/l	99
17) Carbon Disulfide	4.276	76	174681	9.444	ug/l	100
18) Methyl Acetate	4.559	43	38057	9.544	ug/l	99
19) Methyl tert-butyl Ether	5.312	73	143687	9.871	ug/l	99
20) Methylene Chloride	4.794	84	91792	10.268	ug/l	92
21) trans-1,2-Dichloroethene	5.312	96	64534	9.878	ug/l	94
22) Diisopropyl ether	6.217	45	197014	9.949	ug/l	98
23) Vinyl Acetate	6.153	43	561930	49.801	ug/l	100
24) 1,1-Dichloroethane	6.112	63	116705	10.044	ug/l	97
25) 2-Butanone	7.082	43	103999	54.053	ug/l	97
26) 2,2-Dichloropropane	7.070	77	94693	10.298	ug/l	100
27) cis-1,2-Dichloroethene	7.082	96	77512	9.925	ug/l	99
28) Bromochloromethane	7.423	49	44319	9.675	ug/l	98
29) Tetrahydrofuran	7.447	42	58375	48.159	ug/l	95
30) Chloroform	7.594	83	109302	9.827	ug/l	99
31) Cyclohexane	7.876	56	112443	9.987	ug/l #	92
32) 1,1,1-Trichloroethane	7.794	97	91680	9.859	ug/l	99
36) 1,1-Dichloropropene	8.006	75	81843	10.028	ug/l	98
37) Ethyl Acetate	7.164	43	38655m	9.777	ug/l	
38) Carbon Tetrachloride	7.988	117	77653	9.959	ug/l	97
39) Methylcyclohexane	9.276	83	113455	10.097	ug/l	99
40) Benzene	8.253	78	260494	9.945	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062625\
 Data File : VD080473.D
 Acq On : 26 Jun 2025 10:17
 Operator : RP/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025
 Supervised By :Semsettin Yesilyurt 06/27/2025

Quant Time: Jun 27 04:58:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 04:51:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	24122m	9.515	ug/l	
42) 1,2-Dichloroethane	8.323	62	62259	10.104	ug/l	96
43) Isopropyl Acetate	8.364	43	78531	10.060	ug/l	98
44) Trichloroethene	9.029	130	64161	10.107	ug/l	98
45) 1,2-Dichloropropane	9.306	63	63123	9.937	ug/l	96
46) Dibromomethane	9.394	93	33726	9.957	ug/l	98
47) Bromodichloromethane	9.582	83	84783	10.097	ug/l	95
48) Methyl methacrylate	9.376	41	40747m	10.318	ug/l	
49) 1,4-Dioxane	9.382	88	9284	211.290	ug/l	94
51) 4-Methyl-2-Pentanone	10.158	43	200864	50.670	ug/l	98
52) Toluene	10.329	92	164045	10.020	ug/l	99
53) t-1,3-Dichloropropene	10.553	75	83101	9.881	ug/l	96
54) cis-1,3-Dichloropropene	10.017	75	100445	9.941	ug/l	98
55) 1,1,2-Trichloroethane	10.735	97	46774	10.130	ug/l	96
56) Ethyl methacrylate	10.600	69	65174	9.889	ug/l	98
57) 1,3-Dichloropropane	10.876	76	80685	9.988	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	127865	50.799	ug/l	97
59) 2-Hexanone	10.917	43	147545	52.589	ug/l	100
60) Dibromochloromethane	11.070	129	56735	9.955	ug/l	98
61) 1,2-Dibromoethane	11.176	107	44006	9.968	ug/l	95
64) Tetrachloroethene	10.811	164	48718	9.795	ug/l	98
65) Chlorobenzene	11.605	112	174235	10.081	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.676	131	54186	9.975	ug/l	98
67) Ethyl Benzene	11.682	91	306735	10.146	ug/l	100
68) m/p-Xylenes	11.794	106	232682	20.213	ug/l	100
69) o-Xylene	12.117	106	111704	10.056	ug/l	99
70) Styrene	12.129	104	190865	10.158	ug/l	99
71) Bromoform	12.299	173	32118	10.382	ug/l #	99
73) Isopropylbenzene	12.417	105	287314	10.200	ug/l	99
74) N-amyl acetate	12.229	43	74762	10.137	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.670	83	53775	10.253	ug/l	99
76) 1,2,3-Trichloropropane	12.723	75	31792m	10.241	ug/l	
77) Bromobenzene	12.699	156	63212	10.035	ug/l	99
78) n-propylbenzene	12.758	91	340471	10.041	ug/l	99
79) 2-Chlorotoluene	12.846	91	196625	10.083	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	228232	9.992	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	20779	10.025	ug/l	94
82) 4-Chlorotoluene	12.941	91	207379	10.353	ug/l	100
83) tert-Butylbenzene	13.164	119	204041	10.213	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	233310	10.231	ug/l	100
85) sec-Butylbenzene	13.341	105	301609	10.221	ug/l	100
86) p-Isopropyltoluene	13.458	119	250023	10.239	ug/l	100
87) 1,3-Dichlorobenzene	13.452	146	123301	10.121	ug/l	98
88) 1,4-Dichlorobenzene	13.535	146	124529	10.241	ug/l	97
89) n-Butylbenzene	13.782	91	237427	10.130	ug/l	98
90) Hexachloroethane	14.052	117	46840	9.928	ug/l	97
91) 1,2-Dichlorobenzene	13.829	146	107303	10.006	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.446	75	7983	10.092	ug/l	93
93) 1,2,4-Trichlorobenzene	15.093	180	67655	10.069	ug/l	98
94) Hexachlorobutadiene	15.199	225	30969	9.984	ug/l	99
95) Naphthalene	15.329	128	147638	9.889	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	57516	9.955	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062625\
Data File : VD080473.D
Acq On : 26 Jun 2025 10:17
Operator : RP/MD
Sample : VSTDICC010
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/27/2025
Supervised By :Semsettin Yesilyurt 06/27/2025

Quant Time: Jun 27 04:58:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 04:51:56 2025
Response via : Initial Calibration

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

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

