

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091125\
 Data File : VV039045.D
 Acq On : 11 Sep 2025 14:46
 Operator : SY/MD
 Sample : VV0911MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK268

Quant Time: Sep 12 02:02:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM091125WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 12 01:49:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	837187	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	853027	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	337850	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	366058	47.598	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.200%
7) Chloroethane-d5	1.545	69	307410	50.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.060%
11) 1,1-Dichloroethene-d2	2.073	65	162437	48.970	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.940%
21) 2-Butanone-d5	3.789	46	328259	108.768	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.770%
24) Chloroform-d	4.256	84	626007	49.358	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.720%
26) 1,2-Dichloroethane-d4	4.941	65	383252	51.312	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.620%
32) Benzene-d6	4.960	84	1228430	49.674	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.340%
36) 1,2-Dichloropropane-d6	5.986	67	388803	48.052	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.100%
41) Toluene-d8	7.236	98	1054186	45.662	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.320%
43) trans-1,3-Dichloroprop...	7.548	79	178077	46.568	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.140%
47) 2-Hexanone-d5	8.014	63	221672	96.239	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.240%
56) 1,1,2,2-Tetrachloroeth...	10.140	84	555067	48.173	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.340%
66) 1,2-Dichlorobenzene-d4	11.548	152	361093	56.907	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.118	85	165	0.026	ug/L #	42
3) Chloromethane	1.233	50	789	0.111	ug/L	92
5) Vinyl chloride	1.359	62	271	0.033	ug/L	92
6) Bromomethane	1.503	94	2470	0.540	ug/L	80
8) Chloroethane	1.741	64	427	0.082	ug/L	91
9) Trichlorofluoromethane	1.725	101	227	0.020	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	4778	0.659	ug/L #	31
12) 1,1-Dichloroethene	2.076	96	3168	0.492	ug/L #	1
13) Acetone	2.098	43	166	0.030	ug/L	99
14) Carbon disulfide	2.253	76	4415	0.209	ug/L #	94
15) Methyl Acetate	2.378	43	136	0.019	ug/L #	51
16) Methylene chloride	2.462	84	2579	0.364	ug/L	89
17) trans-1,2-Dichloroethene	2.709	96	417	0.065	ug/L #	50
18) Methyl tert-butyl Ether	2.719	73	82	0.004	ug/L #	32
19) 1,1-Dichloroethane	3.111	63	40	0.003	ug/L #	50
20) cis-1,2-Dichloroethene	3.818	96	45	0.007	ug/L #	1
22) 2-Butanone	4.011	43	134	0.029	ug/L	89
23) Bromochloromethane	4.008	128	50	0.013	ug/L #	1
25) Chloroform	4.281	83	8457	0.664	ug/L #	63

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

27) 1,2-Dichloroethane	5.031	62	209	0.023	ug/L #	72
29) Cyclohexane	4.577	56	158	0.015	ug/L #	45
30) 1,1,1-Trichloroethane	4.577	97	44	0.004	ug/L #	7
31) Carbon tetrachloride	4.966	117	45	0.004	ug/L	100
33) Benzene	5.034	78	321	0.012	ug/L	100
34) Trichloroethene	5.825	95	102	0.014	ug/L #	4
37) 1,2-Dichloropropane	6.085	63	126	0.018	ug/L #	1
38) Bromodichloromethane	6.429	83	225	0.022	ug/L #	90
39) cis-1,3-Dichloropropene	6.799	75	235	0.021	ug/L	87
40) 4-Methyl-2-pentanone	7.149	43	42	0.005	ug/L #	42
42) Toluene	7.323	91	259	0.009	ug/L	95
44) trans-1,3-Dichloropropene	7.551	75	8095	0.740	ug/L	86
45) 1,1,2-Trichloroethane	7.693	97	81	0.011	ug/L #	16
46) Tetrachloroethene	7.918	164	193	0.035	ug/L #	55
48) 2-Hexanone	8.079	43	1203	0.191	ug/L #	93
49) Dibromochloromethane	7.915	129	215	0.027	ug/L #	11
50) 1,2-Dibromoethane	8.275	107	48	0.006	ug/L #	5
51) Chlorobenzene	8.796	112	439	0.023	ug/L #	1
52) Ethylbenzene	8.956	91	238	0.008	ug/L #	44
53) m,p-Xylene	8.969	106	43	0.004	ug/L	87
55) Styrene	9.574	104	79	0.004	ug/L #	59
57) 1,1,2,2-Tetrachloroethane	10.143	83	1664	0.137	ug/L #	1
60) Isopropylbenzene	9.870	105	101	0.004	ug/L #	1
61) 1,2,3-Trichloropropane	10.188	75	44	0.006	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.686	105	137	0.008	ug/L	92
63) 1,2,4-Trimethylbenzene	10.850	105	101	0.006	ug/L #	71
64) 1,3-Dichlorobenzene	11.124	146	1127	0.102	ug/L #	74
65) 1,4-Dichlorobenzene	11.194	146	524	0.044	ug/L #	1
67) 1,2-Dichlorobenzene	11.567	146	125	0.011	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.593	180	333	0.047	ug/L #	86
70) 1,2,4-trichlorobenzene	13.217	180	820	0.132	ug/L #	42
71) Naphthalene	13.480	128	650	0.031	ug/L #	69
72) 1,2,3-Trichlorobenzene	13.686	180	332	0.051	ug/L #	52

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

