

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091225\
 Data File : VV039051.D
 Acq On : 12 Sep 2025 10:09
 Operator : SY/MD
 Sample : VV0912MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK269

Quant Time: Sep 13 00:26:46 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	5.529	114	816489	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	853334	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	343996	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	385049	51.337	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 102.680%	
7) Chloroethane-d5	1.542	69	322663	54.385	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 108.780%	
11) 1,1-Dichloroethene-d2	2.069	65	170211	52.614	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 105.220%	
21) 2-Butanone-d5	3.780	46	418026	142.024	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 142.020%#	
24) Chloroform-d	4.246	84	682853	55.204	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 110.400%	
26) 1,2-Dichloroethane-d4	4.934	65	420147	57.678	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 115.360%	
32) Benzene-d6	4.953	84	1295196	52.355	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 104.720%	
36) 1,2-Dichloropropane-d6	5.979	67	417364	51.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 103.120%	
41) Toluene-d8	7.233	98	1049714	45.452	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 90.900%	
43) trans-1,3-Dichloroprop...	7.545	79	176146	46.047	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 92.100%	
47) 2-Hexanone-d5	8.011	63	288200	125.078	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 125.080%	
56) 1,1,2,2-Tetrachloroeth...	10.140	84	554963	48.147	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 96.300%	
66) 1,2-Dichlorobenzene-d4	11.548	152	364076	56.352	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 112.700%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	302	0.049	ug/L	94
3) Chloromethane	1.227	50	896	0.129	ug/L #	66
5) Vinyl chloride	1.532	62	378	0.047	ug/L	92
6) Bromomethane	1.500	94	1867	0.419	ug/L	93
8) Chloroethane	1.590	64	148	0.029	ug/L	93
9) Trichlorofluoromethane	1.728	101	2100	0.186	ug/L	97
12) 1,1-Dichloroethene	2.294	96	46	0.007	ug/L	73
13) Acetone	2.127	43	1705	0.315	ug/L	75
14) Carbon disulfide	2.249	76	6151	0.299	ug/L #	85
15) Methyl Acetate	2.381	43	216	0.031	ug/L #	39
16) Methylene chloride	2.452	84	1022	0.148	ug/L	80
17) trans-1,2-Dichloroethene	2.709	96	1374	0.220	ug/L #	48
18) Methyl tert-butyl Ether	2.706	73	739	0.041	ug/L #	93
19) 1,1-Dichloroethane	3.114	63	712	0.061	ug/L #	53
20) cis-1,2-Dichloroethene	3.815	96	136	0.020	ug/L	97
22) 2-Butanone	3.841	43	185	0.040	ug/L	96
23) Bromochloromethane	4.140	128	97	0.027	ug/L #	1
25) Chloroform	4.371	83	159	0.013	ug/L	96
27) 1,2-Dichloroethane	5.027	62	260	0.029	ug/L #	72

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

29) Cyclohexane	4.561	56	286	0.027	ug/L	95
30) 1,1,1-Trichloroethane	4.506	97	729	0.063	ug/L #	59
31) Carbon tetrachloride	4.506	117	79	0.008	ug/L	96
33) Benzene	5.005	78	168	0.006	ug/L	100
34) Trichloroethene	5.828	95	118	0.016	ug/L #	44
35) Methylcyclohexane	6.098	83	148	0.013	ug/L #	57
37) 1,2-Dichloropropane	6.098	63	66	0.009	ug/L #	1
38) Bromodichloromethane	6.445	83	459	0.046	ug/L #	84
39) cis-1,3-Dichloropropene	7.175	75	336	0.030	ug/L	90
40) 4-Methyl-2-pentanone	7.143	43	76	0.008	ug/L #	1
42) Toluene	7.326	91	2656	0.091	ug/L	92
44) trans-1,3-Dichloropropene	7.542	75	5047	0.461	ug/L	87
45) 1,1,2-Trichloroethane	7.780	97	587	0.078	ug/L #	76
46) Tetrachloroethene	7.902	164	361	0.065	ug/L	88
48) 2-Hexanone	8.085	43	954	0.151	ug/L #	63
49) Dibromochloromethane	8.172	129	714	0.090	ug/L	84
50) 1,2-Dibromoethane	8.294	107	982	0.125	ug/L #	89
51) Chlorobenzene	8.802	112	1259	0.066	ug/L #	37
52) Ethylbenzene	8.947	91	868	0.028	ug/L	86
53) m,p-Xylene	9.082	106	312	0.026	ug/L	95
54) o-Xylene	9.474	106	411	0.038	ug/L	70
55) Styrene	9.542	104	822	0.043	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.169	83	1708	0.141	ug/L #	62
59) Bromoform	9.664	173	403	0.087	ug/L #	72
60) Isopropylbenzene	9.863	105	1300	0.055	ug/L #	84
61) 1,2,3-Trichloropropane	10.207	75	1598	0.221	ug/L #	69
62) 1,3,5-Trimethylbenzene	10.474	105	1187	0.064	ug/L	93
63) 1,2,4-Trimethylbenzene	10.969	105	147	0.008	ug/L	89
64) 1,3-Dichlorobenzene	11.124	146	1843	0.164	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	2915	0.242	ug/L	98
67) 1,2-Dichlorobenzene	11.564	146	2155	0.191	ug/L #	40
69) 1,3,5-Trichlorobenzene	12.593	180	1102	0.151	ug/L #	79
70) 1,2,4-trichlorobenzene	13.249	180	40	0.006	ug/L #	27
71) Naphthalene	13.429	128	39	0.002	ug/L #	69
72) 1,2,3-Trichlorobenzene	13.680	180	614	0.093	ug/L #	26

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

