

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091125\
 Data File : VV039044.D
 Acq On : 11 Sep 2025 14:24
 Operator : SY/MD
 Sample : VV0911WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK267

Quant Time: Sep 12 02:02:43 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	5.532	114	872814	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	863272	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	357912	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	383081	47.779	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.560%
7) Chloroethane-d5	1.545	69	314607	49.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.220%
11) 1,1-Dichloroethene-d2	2.069	65	173132	50.063	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.120%
21) 2-Butanone-d5	3.783	46	347702	110.508	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.510%
24) Chloroform-d	4.249	84	643580	48.672	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.340%
26) 1,2-Dichloroethane-d4	4.937	65	396781	50.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.900%
32) Benzene-d6	4.957	84	1270286	50.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.520%
36) 1,2-Dichloropropane-d6	5.982	67	399161	48.747	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.500%
41) Toluene-d8	7.236	98	1081933	46.308	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.620%
43) trans-1,3-Dichloroprop...	7.545	79	183212	47.343	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.680%
47) 2-Hexanone-d5	8.014	63	228532	98.040	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.040%
56) 1,1,2,2-Tetrachloroeth...	10.140	84	557262	47.790	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.580%
66) 1,2-Dichlorobenzene-d4	11.548	152	374616	55.729	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.114	85	98	0.015	ug/L #	42
3) Chloromethane	1.349	50	69	0.009	ug/L	85
5) Vinyl chloride	1.294	62	2002	0.234	ug/L #	1
6) Bromomethane	1.413	94	242	0.051	ug/L	98
8) Chloroethane	1.558	64	1034	0.190	ug/L #	79
9) Trichlorofluoromethane	1.722	101	444	0.037	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	5125	0.678	ug/L #	26
12) 1,1-Dichloroethene	2.072	96	4057	0.604	ug/L #	1
13) Acetone	2.188	43	148	0.026	ug/L	57
14) Carbon disulfide	2.256	76	4913	0.224	ug/L	100
15) Methyl Acetate	2.388	43	152	0.020	ug/L #	51
16) Methylene chloride	2.462	84	3131	0.424	ug/L	87
17) trans-1,2-Dichloroethene	2.709	96	218	0.033	ug/L	94
18) Methyl tert-butyl Ether	2.677	73	49	0.003	ug/L #	1
19) 1,1-Dichloroethane	3.114	63	90	0.007	ug/L #	50
20) cis-1,2-Dichloroethene	3.841	96	114	0.016	ug/L	89
22) 2-Butanone	3.870	43	240	0.049	ug/L #	59
25) Chloroform	4.256	83	962	0.072	ug/L #	1
27) 1,2-Dichloroethane	4.960	62	6922	0.716	ug/L	98

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

29) Cyclohexane	4.580	56	97	0.009	ug/L #	56
30) 1,1,1-Trichloroethane	4.519	97	74	0.006	ug/L #	1
31) Carbon tetrachloride	4.757	117	75	0.007	ug/L	99
33) Benzene	5.002	78	732	0.027	ug/L	100
34) Trichloroethene	5.854	95	264	0.036	ug/L #	38
35) Methylcyclohexane	6.114	83	211	0.018	ug/L #	89
37) 1,2-Dichloropropane	6.076	63	40	0.006	ug/L #	1
38) Bromodichloromethane	6.442	83	119	0.012	ug/L #	26
40) 4-Methyl-2-pentanone	7.156	43	47	0.005	ug/L #	42
42) Toluene	7.326	91	699	0.024	ug/L	83
44) trans-1,3-Dichloropropene	7.545	75	8889	0.803	ug/L #	80
45) 1,1,2-Trichloroethane	7.738	97	52	0.007	ug/L #	16
46) Tetrachloroethene	7.899	164	100	0.018	ug/L #	1
49) Dibromochloromethane	7.928	129	68	0.008	ug/L #	11
50) 1,2-Dibromoethane	8.297	107	216	0.027	ug/L #	93
51) Chlorobenzene	8.802	112	642	0.033	ug/L #	1
52) Ethylbenzene	8.953	91	382	0.012	ug/L #	79
53) m,p-Xylene	8.976	106	129	0.011	ug/L	92
54) o-Xylene	9.461	106	46	0.004	ug/L #	22
55) Styrene	9.561	104	52	0.003	ug/L #	5
57) 1,1,2,2-Tetrachloroethane	10.178	83	57	0.005	ug/L #	74
59) Bromoform	9.680	173	43	0.009	ug/L #	35
60) Isopropylbenzene	9.876	105	306	0.012	ug/L #	63
61) 1,2,3-Trichloropropane	10.201	75	192	0.026	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.480	105	343	0.018	ug/L #	28
63) 1,2,4-Trimethylbenzene	11.696	105	77	0.004	ug/L	88
64) 1,3-Dichlorobenzene	11.130	146	1413	0.120	ug/L #	68
65) 1,4-Dichlorobenzene	11.194	146	501	0.040	ug/L #	11
67) 1,2-Dichlorobenzene	11.564	146	276	0.024	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.577	180	161	0.021	ug/L #	18
70) 1,2,4-trichlorobenzene	13.214	180	881	0.134	ug/L #	76
71) Naphthalene	13.509	128	361	0.016	ug/L	96
72) 1,2,3-Trichlorobenzene	13.680	180	305	0.045	ug/L #	28

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

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