

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091125\
 Data File : VV039046.D
 Acq On : 11 Sep 2025 15:09
 Operator : SY/MD
 Sample : Q2899-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2025-05

Quant Time: Sep 12 02:13:23 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

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	863996	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	854855	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	363732	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	372325	46.911	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.820%
7) Chloroethane-d5	1.542	69	309251	49.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.520%
11) 1,1-Dichloroethene-d2	2.069	65	164755	48.127	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.260%
21) 2-Butanone-d5	3.786	46	351374	112.815	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.810%
24) Chloroform-d	4.252	84	633086	48.367	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.740%
26) 1,2-Dichloroethane-d4	4.941	65	386340	50.120	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.240%
32) Benzene-d6	4.960	84	1254308	50.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.220%
36) 1,2-Dichloropropane-d6	5.982	67	402229	49.605	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.220%
41) Toluene-d8	7.236	98	1082568	46.792	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.580%
43) trans-1,3-Dichloroprop...	7.548	79	182666	47.666	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.340%
47) 2-Hexanone-d5	8.014	63	241530	104.636	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.640%
56) 1,1,2,2-Tetrachloroeth...	10.140	84	591537	51.229	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.460%
66) 1,2-Dichlorobenzene-d4	11.548	152	385203	56.387	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.780%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	12184	1.856	ug/L	92
3) Chloromethane	1.227	50	13621	1.850	ug/L	99
5) Vinyl chloride	1.294	62	16689m	1.971	ug/L	
6) Bromomethane	1.497	94	9483	2.010	ug/L	100
8) Chloroethane	1.561	64	9716	1.805	ug/L	91
9) Trichlorofluoromethane	1.725	101	22192	1.859	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	19460	2.600	ug/L #	78
12) 1,1-Dichloroethene	2.079	96	16078	2.419	ug/L #	1
13) Acetone	2.124	43	20594	3.591	ug/L	98
14) Carbon disulfide	2.253	76	39268	1.805	ug/L	98
15) Methyl Acetate	2.394	43	11121	1.491	ug/L	99
16) Methylene chloride	2.458	84	16715	2.285	ug/L	96
17) trans-1,2-Dichloroethene	2.712	96	11913	1.801	ug/L	94
18) Methyl tert-butyl Ether	2.716	73	30561	1.612	ug/L #	88
19) 1,1-Dichloroethane	3.124	63	22401	1.820	ug/L	97
20) cis-1,2-Dichloroethene	3.828	96	13040	1.845	ug/L	98
22) 2-Butanone	3.925	43	19008m	3.927	ug/L	
23) Bromochloromethane	4.175	128	7618m	1.970	ug/L	
25) Chloroform	4.281	83	31521	2.400	ug/L	95

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27) 1,2-Dichloroethane	5.063	62	16907m	1.767	ug/L		09/15/2025
29) Cyclohexane	4.587	56	16234	1.529	ug/L #	52	Supervised By :Mahesh
30) 1,1,1-Trichloroethane	4.516	97	20033	1.738	ug/L	94	Dadoda
31) Carbon tetrachloride	4.744	117	17268m	1.685	ug/L		
33) Benzene	5.014	78	50120	1.881	ug/L	100	
34) Trichloroethene	5.847	95	12774	1.768	ug/L	98	
35) Methylcyclohexane	6.043	83	22327m	1.932	ug/L		09/15/2025
37) 1,2-Dichloropropane	6.104	63	13118	1.839	ug/L	99	
38) Bromodichloromethane	6.442	83	16880	1.681	ug/L	97	
39) cis-1,3-Dichloropropene	6.960	75	19666	1.730	ug/L	90	
40) 4-Methyl-2-pentanone	7.162	43	23838	2.634	ug/L	92	
42) Toluene	7.320	91	50776	1.729	ug/L	93	
44) trans-1,3-Dichloropropene	7.587	75	19167	1.749	ug/L	91	
45) 1,1,2-Trichloroethane	7.780	97	12883	1.706	ug/L	96	
46) Tetrachloroethene	7.902	164	10426	1.861	ug/L	93	
48) 2-Hexanone	8.082	43	24893	3.944	ug/L #	90	
49) Dibromochloromethane	8.172	129	14210	1.781	ug/L	93	
50) 1,2-Dibromoethane	8.284	107	13295	1.686	ug/L	96	
51) Chlorobenzene	8.809	112	33038	1.732	ug/L	95	
52) Ethylbenzene	8.947	91	46319	1.499	ug/L	98	
53) m,p-Xylene	9.079	106	17151	1.451	ug/L	92	
54) o-Xylene	9.477	106	14735	1.346	ug/L	94	
55) Styrene	9.503	104	24780	1.281	ug/L	94	
57) 1,1,2,2-Tetrachloroethane	10.165	83	27012	2.219	ug/L #	96	
59) Bromoform	9.664	173	9507	1.940	ug/L #	37	
60) Isopropylbenzene	9.860	105	40245	1.608	ug/L	99	
61) 1,2,3-Trichloropropane	10.201	75	17028	2.228	ug/L	95	
62) 1,3,5-Trimethylbenzene	10.471	105	30252	1.545	ug/L	100	
63) 1,2,4-Trimethylbenzene	10.847	105	26653	1.373	ug/L	96	
64) 1,3-Dichlorobenzene	11.114	146	21736	1.824	ug/L	97	
65) 1,4-Dichlorobenzene	11.201	146	27580	2.162	ug/L	96	
67) 1,2-Dichlorobenzene	11.567	146	26418	2.216	ug/L	92	
68) 1,2-Dibromo-3-chloropr...	12.365	75	5017	2.338	ug/L	89	
69) 1,3,5-Trichlorobenzene	12.577	180	15478m	2.012	ug/L		
70) 1,2,4-trichlorobenzene	13.194	180	12301	1.839	ug/L	92	
71) Naphthalene	13.435	128	32475	1.452	ug/L	97	
72) 1,2,3-Trichlorobenzene	13.677	180	12984	1.870	ug/L	93	

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

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