

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111925\
 Data File : VU063746.D
 Acq On : 19 Nov 2025 14:34
 Operator : MD/SY
 Sample : Q3589-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2025-07

Quant Time: Nov 20 03:41:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111925WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 20 03:09:34 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/21/2025
 Supervised By :Mahesh Dadoda 11/21/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	6.222	114	163184	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	163637	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	101385	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	88254	5.068	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.400%
7) Chloroethane-d5	1.895	69	77553	5.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.400%
11) 1,1-Dichloroethene-d2	2.541	65	42088	5.259	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.200%
20) 2-Butanone-d5	4.595	46	176578	58.378	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.760%
24) Chloroform-d	5.030	84	182145	5.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.673	65	100079	5.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.695	84	367603	5.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
36) 1,2-Dichloropropane-d6	6.663	67	107540	5.574	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.400%
41) Toluene-d8	7.872	98	336777	5.116	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	8.155	79	33344	5.138	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.611	63	130067	57.666	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.340%
56) 1,1,2,2-Tetrachloroeth...	10.730	84	77985	5.350	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	12.168	152	116060	5.289	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.374	85	2564	0.213	ug/L	98
3) Chloromethane	1.509	50	2253	0.241	ug/L	91
5) Vinyl chloride	1.589	62	3161	0.266	ug/L #	55
6) Bromomethane	1.840	94	1932	0.256	ug/L	81
8) Chloroethane	1.914	64	2361	0.270	ug/L	90
9) Trichlorofluoromethane	2.116	101	5249	0.225	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.554	101	4331	0.310	ug/L #	83
12) 1,1-Dichloroethene	2.551	96	3311	0.307	ug/L #	1
14) Carbon disulfide	2.766	76	3799	0.256	ug/L #	92
15) Methyl Acetate	2.952	43	1383m	0.284	ug/L	
16) Methylene chloride	3.020	84	5582	0.372	ug/L	95
17) Methyl tert-butyl Ether	3.342	73	8493	0.237	ug/L	95
18) trans-1,2-Dichloroethene	3.338	96	2647m	0.229	ug/L	
19) 1,1-Dichloroethane	3.843	63	5950	0.220	ug/L	95
21) 2-Butanone	4.708	43	13758m	4.052	ug/L	
22) cis-1,2-Dichloroethene	4.634	96	3747	0.234	ug/L	97
23) Bromochloromethane	4.946	128	1546	0.232	ug/L	77
25) Chloroform	5.058	83	8891	0.283	ug/L	95
27) 1,2-Dichloroethane	5.769	62	4303	0.233	ug/L #	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	5.354	56	3856	0.223	ug/L	95
31) Carbon tetrachloride	5.493	117	3638	0.205	ug/L	100
33) Benzene	5.750	78	12879	0.236	ug/L	100
35) Methylcyclohexane	6.734	83	5608	0.304	ug/L #	78
37) 1,2-Dichloropropane	6.769	63	3718	0.242	ug/L #	85
38) Bromodichloromethane	7.081	83	4402	0.218	ug/L	99
39) cis-1,3-Dichloropropene	7.586	75	4947	0.247	ug/L	92
40) 4-Methyl-2-pentanone	7.769	43	19668	2.381	ug/L #	86
42) Toluene	7.946	91	13778	0.225	ug/L	89
44) trans-1,3-Dichloropropene	8.190	75	3723	0.245	ug/L	87
45) 1,1,2-Trichloroethane	8.373	97	3023	0.252	ug/L	91
48) 2-Hexanone	8.669	43	33855	5.655	ug/L #	89
49) Dibromochloromethane	8.782	129	2667	0.218	ug/L	85
50) 1,2-Dibromoethane	8.901	107	2469	0.238	ug/L #	92
51) Chlorobenzene	9.425	112	10858	0.241	ug/L	96
52) Ethylbenzene	9.550	91	17392	0.229	ug/L	98
53) m,p-Xylene	9.676	106	6510	0.227	ug/L	87
54) o-Xylene	10.081	106	6169	0.218	ug/L	80
55) Styrene	10.097	104	10274	0.221	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.759	83	3816	0.266	ug/L #	92
59) Bromoform	10.267	173	1271	0.207	ug/L #	85
60) Isopropylbenzene	10.460	105	17730	0.233	ug/L	98
61) 1,2,3-Trichloropropane	10.801	75	2603	0.273	ug/L	96
62) 1,3,5-Trimethylbenzene	11.065	105	14691	0.231	ug/L	97
63) 1,2,4-Trimethylbenzene	11.447	105	14015	0.227	ug/L	95
64) 1,3-Dichlorobenzene	11.727	146	9683	0.268	ug/L	89
65) 1,4-Dichlorobenzene	11.814	146	11184	0.306	ug/L	99
67) 1,2-Dichlorobenzene	12.187	146	9042	0.278	ug/L #	93
68) 1,2-Dibromo-3-chloropr...	12.975	75	363	0.207	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.200	180	7058	0.267	ug/L	98
70) 1,2,4-trichlorobenzene	13.820	180	7459	0.356	ug/L	99
71) Naphthalene	14.071	128	14600	0.489	ug/L	98
72) 1,2,3-Trichlorobenzene	14.306	180	5836	0.333	ug/L	92

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

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