

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112025\
 Data File : VU063751.D
 Acq On : 20 Nov 2025 10:20
 Operator : MD/SY
 Sample : Q3589-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2025-08

Quant Time: Nov 21 04:15:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111925WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 21 04:14:42 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	171404	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	172012	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	104815	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	85096	4.653	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	93.000%		
7) Chloroethane-d5	1.895	69	76221	4.842	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	96.800%		
11) 1,1-Dichloroethene-d2	2.544	65	39472	4.695	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	94.000%		
20) 2-Butanone-d5	4.596	46	154252	48.551	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	97.100%		
24) Chloroform-d	5.033	84	186857	4.910	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	98.200%		
26) 1,2-Dichloroethane-d4	5.673	65	97742	4.981	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	99.600%		
32) Benzene-d6	5.698	84	374060	5.212	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	104.200%		
36) 1,2-Dichloropropane-d6	6.663	67	108600	5.355	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	107.000%		
41) Toluene-d8	7.872	98	343593	4.965	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	99.400%		
43) trans-1,3-Dichloroprop...	8.155	79	31835	4.666	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	93.400%		
46) 2-Hexanone-d5	8.611	63	115429	48.684	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	97.360%		
56) 1,1,2,2-Tetrachloroeth...	10.730	84	76778	5.011	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	100.200%		
66) 1,2-Dichlorobenzene-d4	12.168	152	116600	5.139	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	102.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.374	85	2905	0.230	ug/L	97
3) Chloromethane	1.506	50	2391	0.244	ug/L	97
5) Vinyl chloride	1.589	62	3437	0.276	ug/L #	49
6) Bromomethane	1.840	94	2372	0.300	ug/L	99
8) Chloroethane	1.917	64	2645	0.288	ug/L	95
9) Trichlorofluoromethane	2.120	101	6148	0.251	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.554	101	4681	0.319	ug/L #	82
12) 1,1-Dichloroethene	2.554	96	3658	0.323	ug/L #	1
14) Carbon disulfide	2.769	76	3511	0.226	ug/L #	94
15) Methyl Acetate	2.943	43	1388m	0.271	ug/L	
16) Methylene chloride	3.017	84	6089	0.386	ug/L	90
17) Methyl tert-butyl Ether	3.338	73	8554	0.227	ug/L	98
18) trans-1,2-Dichloroethene	3.329	96	3027	0.249	ug/L	92
19) 1,1-Dichloroethane	3.843	63	6438	0.227	ug/L	94
21) 2-Butanone	4.702	43	16011m	4.490	ug/L	
22) cis-1,2-Dichloroethene	4.637	96	4055	0.241	ug/L	90
23) Bromochloromethane	4.946	128	1798	0.257	ug/L	88
25) Chloroform	5.059	83	9918	0.300	ug/L	98
27) 1,2-Dichloroethane	5.776	62	4866	0.251	ug/L #	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112025\
 Data File : VU063751.D
 Acq On : 20 Nov 2025 10:20
 Operator : MD/SY
 Sample : Q3589-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2025-08

Quant Time: Nov 21 04:15:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111925WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 21 04:14:42 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)
30) Cyclohexane	5.354	56	4312	0.237	ug/L	90
31) Carbon tetrachloride	5.493	117	4347	0.233	ug/L	95
33) Benzene	5.750	78	13678	0.238	ug/L	100
35) Methylcyclohexane	6.737	83	6380m	0.329	ug/L	
37) 1,2-Dichloropropane	6.763	63	4309	0.267	ug/L #	85
38) Bromodichloromethane	7.081	83	5021	0.236	ug/L #	99
39) cis-1,3-Dichloropropene	7.589	75	5578	0.265	ug/L	99
40) 4-Methyl-2-pentanone	7.769	43	19770	2.276	ug/L #	87
42) Toluene	7.946	91	16572	0.257	ug/L	100
44) trans-1,3-Dichloropropene	8.190	75	4443	0.278	ug/L	89
45) 1,1,2-Trichloroethane	8.377	97	3196	0.253	ug/L	94
48) 2-Hexanone	8.663	43	28413	4.515	ug/L #	95
49) Dibromochloromethane	8.785	129	2700	0.210	ug/L	78
50) 1,2-Dibromoethane	8.901	107	2587	0.237	ug/L #	90
51) Chlorobenzene	9.425	112	12305	0.260	ug/L	96
52) Ethylbenzene	9.547	91	19838	0.248	ug/L	99
53) m,p-Xylene	9.676	106	7390	0.245	ug/L	98
54) o-Xylene	10.078	106	6773	0.227	ug/L	90
55) Styrene	10.097	104	11422	0.233	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.756	83	4021	0.266	ug/L #	90
59) Bromoform	10.267	173	1431	0.226	ug/L #	95
60) Isopropylbenzene	10.460	105	20327	0.258	ug/L	97
61) 1,2,3-Trichloropropane	10.798	75	2794	0.283	ug/L	92
62) 1,3,5-Trimethylbenzene	11.065	105	17078	0.260	ug/L	95
63) 1,2,4-Trimethylbenzene	11.447	105	15779	0.247	ug/L	93
64) 1,3-Dichlorobenzene	11.724	146	10635	0.285	ug/L	92
65) 1,4-Dichlorobenzene	11.814	146	11251	0.298	ug/L	96
67) 1,2-Dichlorobenzene	12.187	146	9697	0.288	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.971	75	419	0.231	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.200	180	7542	0.276	ug/L	99
70) 1,2,4-trichlorobenzene	13.820	180	6411	0.296	ug/L	98
71) Naphthalene	14.068	128	10061	0.326	ug/L	98
72) 1,2,3-Trichlorobenzene	14.309	180	5305	0.293	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112025\
Data File : VU063751.D
Acq On : 20 Nov 2025 10:20
Operator : MD/SY
Sample : Q3589-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2025-08

Quant Time: Nov 21 04:15:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111925WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 21 04:14:42 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

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

