

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112125\
 Data File : VU063766.D
 Acq On : 21 Nov 2025 13:44
 Operator : MD/SY
 Sample : Q3688-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 22:30:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 21 22:28:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.219	114	324753	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	318000	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	156083	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	123291	43.964	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.920%
7) Chloroethane-d5	1.891	69	102597	47.487	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.980%
11) 1,1-Dichloroethene-d2	2.541	63	175162	36.034	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.060%
21) 2-Butanone-d5	4.595	46	142351	89.039	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.040%
24) Chloroform-d	5.029	84	222668	47.324	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.640%
26) 1,2-Dichloroethane-d4	5.669	65	152953	49.435	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.880%
32) Benzene-d6	5.695	84	443744	47.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.220%
36) 1,2-Dichloropropane-d6	6.660	67	127551	46.613	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.220%
41) Toluene-d8	7.872	98	411090	46.450	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.900%
43) trans-1,3-Dichloroprop...	8.155	79	47156	41.701	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.400%
47) 2-Hexanone-d5	8.615	63	86546	86.989	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.990%
56) 1,1,2,2-Tetrachloroeth...	10.730	84	184777	46.175	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.340%
66) 1,2-Dichlorobenzene-d4	12.167	152	147693	50.126	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.260%

Target Compounds Qvalue

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

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