

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112125\
 Data File : VU063761.D
 Acq On : 21 Nov 2025 11:42
 Operator : MD/SY
 Sample : Q3688-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 22:29:52 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	326351	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	308379	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	152685	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	130479	46.299	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.600%
7) Chloroethane-d5	1.891	69	106280	48.951	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.900%
11) 1,1-Dichloroethene-d2	2.541	63	180164	36.882	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.760%
21) 2-Butanone-d5	4.595	46	138373	86.127	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.130%
24) Chloroform-d	5.030	84	224159	47.407	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.820%
26) 1,2-Dichloroethane-d4	5.669	65	155588	50.041	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.080%
32) Benzene-d6	5.695	84	445698	49.307	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.620%
36) 1,2-Dichloropropane-d6	6.660	67	129994	48.988	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.980%
41) Toluene-d8	7.872	98	415283	48.388	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.780%
43) trans-1,3-Dichloroprop...	8.155	79	48337	44.079	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.160%
47) 2-Hexanone-d5	8.615	63	86024	89.162	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.160%
56) 1,1,2,2-Tetrachloroeth...	10.730	84	185997	47.930	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.860%
66) 1,2-Dichlorobenzene-d4	12.168	152	147851	51.296	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.600%

Target Compounds Qvalue

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

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