

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112125\
 Data File : VU063763.D
 Acq On : 21 Nov 2025 12:31
 Operator : MD/SY
 Sample : Q3688-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 M-31S

Quant Time: Nov 21 22:30:16 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	6.222	114	358146	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.392	117	342594	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	165349	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.582	65	128022	41.395	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.780%
7) Chloroethane-d5	1.894	69	104325	43.784	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.560%
11) 1,1-Dichloroethene-d2	2.541	63	178017	33.207	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.420%
21) 2-Butanone-d5	4.598	46	141643	80.336	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.340%
24) Chloroform-d	5.029	84	229248	44.179	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.360%
26) 1,2-Dichloroethane-d4	5.669	65	156951	45.998	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.000%
32) Benzene-d6	5.695	84	449208	44.733	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.460%
36) 1,2-Dichloropropane-d6	6.659	67	136361	46.255	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.500%
41) Toluene-d8	7.872	98	415320	43.559	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.120%
43) trans-1,3-Dichloroprop...	8.155	79	46001	37.759	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.520%
47) 2-Hexanone-d5	8.614	63	86933	81.105	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.110%
56) 1,1,2,2-Tetrachloroeth...	10.730	84	190470	44.180	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.360%
66) 1,2-Dichlorobenzene-d4	12.167	152	147506	47.257	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.520%

Target Compounds Qvalue

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

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