

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112125\
 Data File : VU063767.D
 Acq On : 21 Nov 2025 14:08
 Operator : MD/SY
 Sample : Q3688-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 22:30:57 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	339732	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	320479	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	159775	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	123876	42.225	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.440%
7) Chloroethane-d5	1.895	69	100712	44.559	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.120%
11) 1,1-Dichloroethene-d2	2.541	63	173515	34.121	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.240%
21) 2-Butanone-d5	4.599	46	135794	81.193	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.190%
24) Chloroform-d	5.030	84	217240	44.134	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.260%
26) 1,2-Dichloroethane-d4	5.669	65	150711	46.563	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.120%
32) Benzene-d6	5.695	84	442233	47.077	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.160%
36) 1,2-Dichloropropane-d6	6.660	67	129470	46.948	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.900%
41) Toluene-d8	7.872	98	401212	44.983	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.960%
43) trans-1,3-Dichloroprop...	8.155	79	45845	40.228	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.460%
47) 2-Hexanone-d5	8.615	63	85173	84.947	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.950%
56) 1,1,2,2-Tetrachloroeth...	10.730	84	183719	45.555	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.120%
66) 1,2-Dichlorobenzene-d4	12.168	152	148047	49.085	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.160%

Target Compounds Qvalue

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

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