

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112125\
 Data File : VU063765.D
 Acq On : 21 Nov 2025 13:20
 Operator : MD/SY
 Sample : Q3688-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 M-32S

Quant Time: Nov 21 22:30:37 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	341609	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	325580	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	161982	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	127580	43.249	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.500%
7) Chloroethane-d5	1.894	69	102253	44.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.980%
11) 1,1-Dichloroethene-d2	2.541	63	173936	34.016	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.040%
21) 2-Butanone-d5	4.599	46	141501	84.140	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.140%
24) Chloroform-d	5.029	84	223456	45.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.300%
26) 1,2-Dichloroethane-d4	5.672	65	154450	47.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.920%
32) Benzene-d6	5.695	84	452030	47.366	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.740%
36) 1,2-Dichloropropane-d6	6.660	67	133965	47.817	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.640%
41) Toluene-d8	7.872	98	415075	45.808	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.620%
43) trans-1,3-Dichloroprop...	8.155	79	45675	39.451	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.900%
47) 2-Hexanone-d5	8.614	63	88965	87.338	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.340%
56) 1,1,2,2-Tetrachloroeth...	10.730	84	193957	47.340	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.680%
66) 1,2-Dichlorobenzene-d4	12.167	152	150764	49.304	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.600%

Target Compounds Qvalue

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

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