

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011725\  
 Data File : VU062877.D  
 Acq On : 17 Jan 2025 17:25  
 Operator : MD/SY  
 Sample : Q1071-11DL 40X  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GCQ77DL

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 01/21/2025  
 Supervised By : Mahesh Dadoda 01/21/2025

Quant Time: Jan 17 22:01:19 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR010225WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jan 17 21:53:56 2025  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	83902	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	79597	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37501	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18608	4.004	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.000%	
7) Chloroethane-d5	1.901	69	17557	4.697	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.000%	
11) 1,1-Dichloroethene-d2	2.554	65	10770	4.474	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.400%	
20) 2-Butanone-d5	4.605	46	55518	58.457	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.920%	
24) Chloroform-d	5.049	84	56424	4.935	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
26) 1,2-Dichloroethane-d4	5.689	65	33101	5.338	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.800%	
32) Benzene-d6	5.714	84	93798	4.821	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
36) 1,2-Dichloropropane-d6	6.676	67	25693	4.763	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.200%	
41) Toluene-d8	7.888	98	84658	4.466	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.400%	
43) trans-1,3-Dichloroprop...	8.171	79	13692	5.092	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	101.800%	
46) 2-Hexanone-d5	8.621	63	46848	55.392	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.780%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25560	5.657	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	113.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	33973	5.445	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.000%	
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Target Compounds						Qvalue
8) Chloroethane	1.924	64	3959m	1.091	ug/L	
12) 1,1-Dichloroethene	2.567	96	22453	4.311	ug/L	90
18) trans-1,2-Dichloroethene	3.351	96	1477	0.265	ug/L	93
19) 1,1-Dichloroethane	3.853	63	13379	1.341	ug/L	92
22) cis-1,2-Dichloroethene	4.650	96	62957	10.360	ug/L	98
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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