

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062787.D
 Acq On : 16 Jan 2025 00:24
 Operator : MD/SY
 Sample : Q1071-15
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ79

Quant Time: Jan 16 02:09:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 01:55:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	97890	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93362	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	44018	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15995	2.950	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.000%
7) Chloroethane-d5	1.904	69	16421	3.765	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.557	65	9762	3.476	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	4.605	46	66711	60.205	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.420%
24) Chloroform-d	5.049	84	61867	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.689	65	38105	5.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.714	84	98597	4.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.679	67	29988	4.739	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.888	98	87976	3.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.171	79	14634	4.640	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.621	63	52915	53.341	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.680%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29228	5.515	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	36940	5.044	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%

Target Compounds				Qvalue		
5) Vinyl chloride	1.599	62	2534	0.360	ug/L #	14
12) 1,1-Dichloroethene	2.570	96	127730	21.019	ug/L #	78
18) trans-1,2-Dichloroethene	3.342	96	10920	1.677	ug/L	98
19) 1,1-Dichloroethane	3.853	63	313338	26.918	ug/L	96
22) cis-1,2-Dichloroethene	4.650	96	395417	55.772	ug/L	98
27) 1,2-Dichloroethane	5.792	62	4042	0.432	ug/L #	79
29) 1,1,1-Trichloroethane	5.306	97	5755	0.406	ug/L	94
34) Trichloroethene	6.531	95	56517	6.168	ug/L	97

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

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