

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062770.D
 Acq On : 15 Jan 2025 16:22
 Operator : MD/SY
 Sample : Q1071-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ70

Quant Time: Jan 16 00:49:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 00:44:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	98853	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	90731	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42903	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	16606	3.033	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.904	69	16259	3.692	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.557	65	9459	3.335	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	4.605	46	61929	55.345	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.700%
24) Chloroform-d	5.049	84	58941	4.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.688	65	35421	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.714	84	94438	4.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.679	67	28743	4.674	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.888	98	85188	3.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	8.171	79	13384	4.366	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.621	63	48225	50.023	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.040%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25817	5.013	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	34843	4.881	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds			Qvalue			
5) Vinyl chloride	1.599	62	3426	0.481	ug/L	84
12) 1,1-Dichloroethene	2.570	96	70349	11.464	ug/L #	79
13) Acetone	2.611	43	63640	71.795	ug/L	100
18) trans-1,2-Dichloroethene	3.341	96	23296	3.544	ug/L	96
19) 1,1-Dichloroethane	3.853	63	2044111	173.896	ug/L	96
22) cis-1,2-Dichloroethene	4.650	96	542293	75.744	ug/L	99
25) Chloroform	5.071	83	2979	0.206	ug/L	84
27) 1,2-Dichloroethane	5.785	62	6716	0.710	ug/L	99
34) Trichloroethene	6.531	95	39160	4.398	ug/L	95
45) 1,1,2-Trichloroethane	8.393	97	4863	0.974	ug/L	92

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

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