

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
 Data File : VU062686.D
 Acq On : 10 Jan 2025 16:02
 Operator : MD/SY
 Sample : Q1058-20
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Y9

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/13/2025
 Supervised By : Mahesh Dadoda 01/13/2025

Quant Time: Jan 10 22:46:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 10 22:42:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	92321	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	84574	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43242	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20946	4.097	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.904	69	18028	4.383	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.557	65	11466	4.329	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.618	46	61459	58.811	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.620%
24) Chloroform-d	5.049	84	62855	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.689	65	35755	5.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.714	84	103192	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.679	67	30127	5.256	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.888	98	99746	4.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.171	79	16263	5.692	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.800%
46) 2-Hexanone-d5	8.624	63	53490	59.524	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.040%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26984	5.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	39571	5.500	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						
5) Vinyl chloride	1.595	62	2562	0.385	ug/L #	70
12) 1,1-Dichloroethene	2.566	96	73875	12.890	ug/L #	80
13) Acetone	2.631	43	16041	19.377	ug/L	99
19) 1,1-Dichloroethane	3.853	63	29857	2.720	ug/L	96
21) 2-Butanone	4.718	43	4960m	4.499	ug/L	
22) cis-1,2-Dichloroethene	4.653	96	80286	12.007	ug/L	97
34) Trichloroethene	6.528	95	1445262	174.114	ug/L	98
42) Toluene	7.959	91	43964	1.651	ug/L	94

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

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