

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
 Data File : VU063178.D
 Acq On : 06 Feb 2025 00:07
 Operator : MD/SY
 Sample : Q1226-24
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCZN2

Quant Time: Feb 06 08:11:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 06 07:25:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	97840	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	91360	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40059	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23154	4.137	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.904	69	23454	4.515	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.557	65	11183	4.476	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.611	46	84572	45.904	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.800%
24) Chloroform-d	5.049	84	55834	4.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.688	65	29930	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.714	84	109494	4.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.679	67	37550	4.780	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.888	98	91899	4.365	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.174	79	12205	4.146	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.624	63	64055	43.234	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.460%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30456	4.392	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	33226	4.967	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	1795	0.191	ug/L	# 82
18) trans-1,2-Dichloroethene	3.348	96	1084	0.159	ug/L	93
22) cis-1,2-Dichloroethene	4.653	96	21837	2.879	ug/L	99
33) Benzene	5.766	78	10064	0.335	ug/L	100
51) Chlorobenzene	9.441	112	9739	0.513	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	4102	0.190	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	2532	0.210	ug/L	98

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

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