

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
 Data File : VU062985.D
 Acq On : 24 Jan 2025 11:50
 Operator : MD/SY
 Sample : Q1086-21
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD4

Quant Time: Jan 24 19:03:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 24 19:02:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	111725	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	79093	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45147	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	26388	4.265	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.904	69	17832	3.582	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.557	65	9244	2.884	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.600%#
20) 2-Butanone-d5	4.618	46	41218	32.592	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.180%
24) Chloroform-d	5.049	84	55822	3.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.400%
26) 1,2-Dichloroethane-d4	5.689	65	34542	4.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	5.714	84	114424	5.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.400%
36) 1,2-Dichloropropane-d6	6.679	67	36761	6.858	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	137.200%
41) Toluene-d8	7.888	98	86823	4.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.174	79	14343	5.368	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.400%
46) 2-Hexanone-d5	8.624	63	46577	55.423	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	22824	5.084	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	32520	4.330	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%

Target Compounds					Qvalue	
5) Vinyl chloride	1.599	62	248711	30.923	ug/L	98
12) 1,1-Dichloroethene	2.570	96	61229	8.828	ug/L #	85
16) Methylene chloride	3.033	84	26968	3.550	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	50046	6.735	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	25286	3.125	ug/L	97
27) 1,2-Dichloroethane	5.779	62	188404	17.623	ug/L	96
29) 1,1,1-Trichloroethane	5.303	97	274777	22.903	ug/L	98
31) Carbon tetrachloride	5.512	117	137114	12.436	ug/L	97
33) Benzene	5.759	78	221173	9.733	ug/L	100
34) Trichloroethene	6.531	95	96575	12.441	ug/L	93
37) 1,2-Dichloropropane	6.779	63	84402	15.745	ug/L #	97
42) Toluene	7.959	91	580581	23.316	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	37853	8.694	ug/L	100
47) Tetrachloroethene	8.544	164	70428	13.173	ug/L	97
51) Chlorobenzene	9.434	112	163781	10.058	ug/L	99
52) Ethylbenzene	9.560	91	437849	15.495	ug/L	97
53) m,p-Xylene	9.685	106	241816	22.882	ug/L	100
54) o-Xylene	10.090	106	148274	14.648	ug/L	99
55) Styrene	10.103	104	255167	15.070	ug/L	96

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65) 1,4-Dichlorobenzene	11.827	146	78189	5.376	ug/L	99
67) 1,2-Dichlorobenzene	12.200	146	174958	12.943	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	55211	6.311	ug/L	96

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

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