

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
 Data File : VU062990.D
 Acq On : 24 Jan 2025 14:00
 Operator : MD/SY
 Sample : Q1086-21
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD4

Quant Time: Jan 24 19:04:50 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	106908	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	80442	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	43132	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	32925	5.561	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.200%
7) Chloroethane-d5	1.904	69	18188	3.819	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.557	65	9362	3.052	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.000%
20) 2-Butanone-d5	4.605	46	70213	58.021	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.040%
24) Chloroform-d	5.049	84	58807	4.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
26) 1,2-Dichloroethane-d4	5.689	65	32022	4.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
32) Benzene-d6	5.714	84	99516	5.061	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.676	67	30762	5.642	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.800%
41) Toluene-d8	7.888	98	88691	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	8.168	79	14141	5.203	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.000%
46) 2-Hexanone-d5	8.621	63	40986	47.952	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.900%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	18189	3.984	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.600%
66) 1,2-Dichlorobenzene-d4	12.180	152	30152	4.202	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	318485	41.383	ug/L	98
12) 1,1-Dichloroethene	2.573	96	65024	9.798	ug/L	# 78
16) Methylene chloride	3.033	84	41493	5.708	ug/L	88
18) trans-1,2-Dichloroethene	3.341	96	71681	10.082	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	32370	4.181	ug/L	98
27) 1,2-Dichloroethane	5.779	62	167341	16.358	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	252928	20.729	ug/L	98
31) Carbon tetrachloride	5.512	117	124555	11.107	ug/L	97
33) Benzene	5.759	78	190474	8.241	ug/L	100
34) Trichloroethene	6.531	95	73887	9.359	ug/L	94
37) 1,2-Dichloropropane	6.779	63	66263	12.154	ug/L	98
42) Toluene	7.959	91	573215	22.634	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	33793	7.632	ug/L	94
47) Tetrachloroethene	8.540	164	64188	11.804	ug/L	98
51) Chlorobenzene	9.434	112	159487	9.630	ug/L	99
52) Ethylbenzene	9.560	91	421272	14.658	ug/L	99
53) m,p-Xylene	9.685	106	228242	21.235	ug/L	99
54) o-Xylene	10.087	106	132909	12.910	ug/L	96
55) Styrene	10.103	104	225867	13.116	ug/L	95

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	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
65)	1,4-Dichlorobenzene	11.823	146	67854	4.883 ug/L	98
67)	1,2-Dichlorobenzene	12.200	146	151844	11.758 ug/L	97
70)	1,2,4-trichlorobenzene	13.830	180	52336	6.261 ug/L	99

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

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