

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012924\
 Data File : VU057727.D
 Acq On : 29 Jan 2024 19:22
 Operator : MD/SY
 Sample : P1239-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0FC3

Quant Time: Jan 30 00:36:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 00:30:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	62859	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	59183	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	27735	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27039	7.807	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	156.200%#
7) Chloroethane-d5	1.910	69	16278	5.609	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.200%
11) 1,1-Dichloroethene-d2	2.563	65	9099	5.587	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.800%
20) 2-Butanone-d5	4.669	46	22357	34.219	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.440%
24) Chloroform-d	5.058	84	35913	5.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.695	65	18286	5.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.400%
32) Benzene-d6	5.721	84	73244	5.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
36) 1,2-Dichloropropane-d6	6.682	67	22551	5.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.800%
41) Toluene-d8	7.891	98	68842	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
43) trans-1,3-Dichloroprop...	8.174	79	8778	5.260	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.200%
46) 2-Hexanone-d5	8.630	63	30363	57.025	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.060%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	15092	5.377	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	21800	5.601	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	979859	172.737	ug/L	99
12) 1,1-Dichloroethene	2.576	96	75496	16.526	ug/L	91
14) Carbon disulfide	2.798	76	8121	0.548	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	276596	57.484	ug/L	98
19) 1,1-Dichloroethane	3.862	63	238077	26.794	ug/L	99
22) cis-1,2-Dichloroethene	4.669	96	19893526	3845.720	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	94602	10.890	ug/L	97
30) Cyclohexane	5.383	56	29448	3.513	ug/L	96
33) Benzene	5.769	78	5274	0.260	ug/L	100
34) Trichloroethene	6.534	95	50242	8.978	ug/L	97
35) Methylcyclohexane	6.756	83	130285	14.412	ug/L	97
42) Toluene	7.962	91	100304	4.583	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	2858	0.865	ug/L	95
52) Ethylbenzene	9.566	91	25613	1.039	ug/L	98
53) m,p-Xylene	9.692	106	5502	0.605	ug/L	92
54) o-Xylene	10.097	106	5067	0.571	ug/L	98
60) Isopropylbenzene	10.479	105	6588	0.303	ug/L	99

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

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