

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012924\
 Data File : VU057726.D
 Acq On : 29 Jan 2024 18:58
 Operator : MD/SY
 Sample : P1239-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0FC2

Quant Time: Jan 30 00:35:58 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	61260	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	55768	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	26424	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.586	65	22456	6.653	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	= 133.000%	#
7) Chloroethane-d5	1.901	69	16727	5.914	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 118.200%	
11) 1,1-Dichloroethene-d2	2.554	65	9819	6.187	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 123.800%	
20) 2-Butanone-d5	4.676	46	38354	60.235	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	= 120.480%	
24) Chloroform-d	5.052	84	34823	5.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 101.600%	
26) 1,2-Dichloroethane-d4	5.698	65	17372	5.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 111.600%	
32) Benzene-d6	5.714	84	72125	5.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 110.200%	
36) 1,2-Dichloropropane-d6	6.685	67	21985	5.572	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 111.400%	
41) Toluene-d8	7.891	98	66791	5.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 107.600%	
43) trans-1,3-Dichloroprop...	8.174	79	7924	5.039	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 100.800%	
46) 2-Hexanone-d5	8.634	63	27734	55.277	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 110.560%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	13932	5.268	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 105.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	21223	5.723	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 114.400%	
Target Compounds						
						Qvalue
5) Vinyl chloride	1.589	62	196659	35.573	ug/L	100
12) 1,1-Dichloroethene	2.567	96	31525	7.081	ug/L	86
18) trans-1,2-Dichloroethene	3.338	96	67918	14.484	ug/L	99
19) 1,1-Dichloroethane	3.853	63	178673	20.633	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	15022698	2979.918	ug/L	97
27) 1,2-Dichloroethane	5.792	62	8517	1.591	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	3285	0.401	ug/L #	51
30) Cyclohexane	5.370	56	9989	1.265	ug/L	95
33) Benzene	5.766	78	11113	0.581	ug/L	100
34) Trichloroethene	6.537	95	3186	0.604	ug/L	96
35) Methylcyclohexane	6.753	83	33070	3.882	ug/L	96
42) Toluene	7.962	91	119131	5.776	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	1673	0.537	ug/L	93
52) Ethylbenzene	9.563	91	21923	0.943	ug/L	97
53) m,p-Xylene	9.688	106	7183	0.838	ug/L	99
54) o-Xylene	10.097	106	3856	0.461	ug/L	94
62) 1,3,5-Trimethylbenzene	11.084	105	2289	0.124	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	2997	0.162	ug/L	98

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

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