

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
 Data File : VU052884.D
 Acq On : 31 Jan 2023 17:17
 Operator : JC/MD
 Sample : 01314-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44L0

Quant Time: Feb 01 01:41:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 00:53:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	222034	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	218610	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	96496	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53175	33.274	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	66.540%	
7) Chloroethane-d5	1.909	69	55626	42.243	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	84.480%	
11) 1,1-Dichloroethene-d2	2.565	63	88736	27.917	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	55.840%#	
21) 2-Butanone-d5	4.620	46	113164	114.628	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	114.630%	
24) Chloroform-d	5.057	84	154974	45.438	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.880%	
26) 1,2-Dichloroethane-d4	5.697	65	107367	49.302	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.600%	
32) Benzene-d6	5.722	84	273782	40.992	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	81.980%	
36) 1,2-Dichloropropane-d6	6.687	67	93255	47.608	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	95.220%	
41) Toluene-d8	7.893	98	230658	37.926	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	75.860%#	
43) trans-1,3-Dichloroprop...	8.176	79	41721	42.495	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.000%	
47) 2-Hexanone-d5	8.629	63	72103	104.760	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	104.760%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	142774	49.333	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	98.660%	
66) 1,2-Dichlorobenzene-d4	12.188	152	92483	49.359	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.720%	
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.665	96	21444	11.315	ug/L	99
34) Trichloroethene	6.536	95	453074	239.542	ug/L	98
51) Chlorobenzene	9.443	112	10548	2.010	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	4019	1.235	ug/L	89
67) 1,2-Dichlorobenzene	12.208	146	26825	8.435	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	8240	4.222	ug/L	98

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

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