

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
 Data File : VU052879.D
 Acq On : 31 Jan 2023 14:55
 Operator : JC/MD
 Sample : 01314-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44L4

Quant Time: Feb 01 00:56:23 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	6.244	114	224553	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	223174	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	101395	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	59354	36.724	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	73.440%	
7) Chloroethane-d5	1.909	69	61126	45.899	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	91.800%	
11) 1,1-Dichloroethene-d2	2.565	63	98297	30.578	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	61.160%	
21) 2-Butanone-d5	4.620	46	104197	104.361	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	104.360%	
24) Chloroform-d	5.057	84	164807	47.779	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.560%	
26) 1,2-Dichloroethane-d4	5.697	65	110354	50.105	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.220%	
32) Benzene-d6	5.723	84	295670	43.364	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.720%	
36) 1,2-Dichloropropane-d6	6.684	67	94735	47.374	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	94.740%	
41) Toluene-d8	7.893	98	246186	39.652	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	79.300%#	
43) trans-1,3-Dichloroprop...	8.173	79	43674	43.575	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	87.140%	
47) 2-Hexanone-d5	8.629	63	66711	94.943	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	94.940%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	141176	47.783	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	95.560%	
66) 1,2-Dichlorobenzene-d4	12.189	152	106861	54.277	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	108.560%	
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.662	96	46693	24.362	ug/L	100
34) Trichloroethene	6.539	95	25568	13.241	ug/L	92
51) Chlorobenzene	9.443	112	10805	2.017	ug/L	89
64) 1,3-Dichlorobenzene	11.742	146	3350	1.014	ug/L	94
65) 1,4-Dichlorobenzene	11.832	146	43266	12.649	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	438501	131.215	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	4259	2.077	ug/L	98

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

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