

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012723\
 Data File : VU052841.D
 Acq On : 27 Jan 2023 13:03
 Operator : JC/MD
 Sample : 01295-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0LC5

Quant Time: Jan 27 22:22:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 22:20:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	271623	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	267252	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	128276	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67421	34.486	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	68.980%	
7) Chloroethane-d5	1.913	69	63396	39.355	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	78.700%	
11) 1,1-Dichloroethene-d2	2.565	63	124157	31.929	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	63.860%	
21) 2-Butanone-d5	4.623	46	103461	85.667	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	85.670%	
24) Chloroform-d	5.057	84	172800	41.415	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	82.840%	
26) 1,2-Dichloroethane-d4	5.697	65	118592	44.515	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.020%	
32) Benzene-d6	5.723	84	335553	41.097	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	82.200%	
36) 1,2-Dichloropropane-d6	6.687	67	103520	43.229	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	86.460%	
41) Toluene-d8	7.893	98	289549	38.944	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	77.880%#	
43) trans-1,3-Dichloroprop...	8.173	79	49601	41.326	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	82.660%	
47) 2-Hexanone-d5	8.632	63	77756	92.411	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	92.410%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	146378	41.372	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	82.740%	
66) 1,2-Dichlorobenzene-d4	12.189	152	116913	46.938	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.880%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	34551	17.195	ug/L #	72
19) 1,1-Dichloroethane	3.861	63	9605	2.522	ug/L	97
20) cis-1,2-Dichloroethene	4.662	96	143920	62.076	ug/L	97
30) 1,1,1-Trichloroethane	5.308	97	22310	5.675	ug/L	96
34) Trichloroethene	6.536	95	146448	63.335	ug/L	95
46) Tetrachloroethene	8.549	164	578783	290.692	ug/L	99

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

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