

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092222\
 Data File : VU050902.D
 Acq On : 22 Sep 2022 16:51
 Operator : JC/MD
 Sample : N4650-21DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ38DL

Quant Time: Sep 23 01:12:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 23 01:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	450980	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	433695	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	172756	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	143107	30.628	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	61.260%		
7) Chloroethane-d5	1.887	69	103387	31.069	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	62.140%#		
11) 1,1-Dichloroethene-d2	2.555	63	199112	27.387	ug/L	-0.01
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.780%#		
21) 2-Butanone-d5	4.620	46	322471	106.901	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.900%		
24) Chloroform-d	5.060	84	314235	42.914	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.820%		
26) 1,2-Dichloroethane-d4	5.700	65	206098	45.672	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.340%		
32) Benzene-d6	5.722	84	596123	41.730	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.460%		
36) 1,2-Dichloropropane-d6	6.687	67	212934	44.160	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.320%		
41) Toluene-d8	7.896	98	470046	37.643	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.280%#		
43) trans-1,3-Dichloroprop...	8.179	79	83575	39.842	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.680%		
47) 2-Hexanone-d5	8.636	63	206020	103.680	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.680%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	350100	47.624	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.240%		
66) 1,2-Dichlorobenzene-d4	12.192	152	177150	48.976	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.960%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.568	96	13011	3.753	ug/L #	1
16) Methylene chloride	3.041	84	6826	1.418	ug/L	94
19) 1,1-Dichloroethane	3.864	63	32874	4.578	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	18818	4.776	ug/L	99
30) 1,1,1-Trichloroethane	5.311	97	57403	9.949	ug/L	100
34) Trichloroethene	6.539	95	11958	3.225	ug/L	91
46) Tetrachloroethene	8.552	164	5076	1.905	ug/L	96

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

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