

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092222\
 Data File : VU050900.D
 Acq On : 22 Sep 2022 16:03
 Operator : JC/MD
 Sample : N4650-20DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ37DL

Quant Time: Sep 23 01:11:40 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	451758	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	438027	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	166661	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	157672	33.687	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.380%		
7) Chloroethane-d5	1.906	69	140246	42.073	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.140%		
11) 1,1-Dichloroethene-d2	2.559	63	222769	30.588	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.180%		
21) 2-Butanone-d5	4.630	46	346747	114.751	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.750%		
24) Chloroform-d	5.060	84	324417	44.229	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.460%		
26) 1,2-Dichloroethane-d4	5.700	65	213972	47.335	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.680%		
32) Benzene-d6	5.723	84	621643	43.087	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.180%		
36) 1,2-Dichloropropane-d6	6.687	67	223958	45.987	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.980%		
41) Toluene-d8	7.896	98	493913	39.163	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.320%#		
43) trans-1,3-Dichloroprop...	8.179	79	87835	41.459	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.920%		
47) 2-Hexanone-d5	8.639	63	213537	106.400	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.400%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	355383	47.864	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.720%		
66) 1,2-Dichlorobenzene-d4	12.192	152	174840	50.105	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.220%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.569	96	27755	7.992	ug/L	# 1
19) 1,1-Dichloroethane	3.864	63	100561	13.981	ug/L	96
20) cis-1,2-Dichloroethene	4.665	96	27700	7.018	ug/L	98
30) 1,1,1-Trichloroethane	5.311	97	183760	31.534	ug/L	99
34) Trichloroethene	6.543	95	17619	4.705	ug/L	97
46) Tetrachloroethene	8.552	164	16778	6.235	ug/L	96

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

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