

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045115.D
 Acq On : 04 Oct 2021 23:21
 Operator : SY/MD
 Sample : M4023-12 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK1

Quant Time: Oct 05 07:02:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	290571	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	270841	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	131128	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	83577	26.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	52.54%#		
7) Chloroethane-d5	1.896	69	80770	32.04	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	64.08%#		
11) 1,1-Dichloroethene-d2	2.565	63	134689	25.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	50.42%#		
21) 2-Butanone-d5	4.629	46	236674	94.11	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.11%		
24) Chloroform-d	5.067	84	193663	38.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.10%		
26) 1,2-Dichloroethane-d4	5.706	65	138316	40.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.30%		
32) Benzene-d6	5.732	84	381231	40.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.12%		
36) 1,2-Dichloropropane-d6	6.694	67	128854	42.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.10%		
41) Toluene-d8	7.902	98	327296	40.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.72%		
43) trans-1,3-Dichloroprop...	8.182	79	57137	41.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.84%		
47) 2-Hexanone-d5	8.639	63	186692	109.94	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.94%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	223206	46.78	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.56%		
66) 1,2-Dichlorobenzene-d4	12.195	152	132006	46.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.52%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	11843	5.26	ug/L	# 1
16) Methylene chloride	3.051	84	10649	3.74	ug/L	94
17) trans-1,2-Dichloroethene	3.356	96	1589	0.67	ug/L	96
19) 1,1-Dichloroethane	3.874	63	6535	1.33	ug/L	96
20) cis-1,2-Dichloroethene	4.671	96	103646	39.68	ug/L	92
30) 1,1,1-Trichloroethane	5.321	97	47551	12.68	ug/L	98
34) Trichloroethene	6.546	95	116614	48.33	ug/L	98
42) Toluene	7.973	91	5628	0.55	ug/L	89

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

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