

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045163.D
 Acq On : 05 Oct 2021 22:46
 Operator : SY/MD
 Sample : M4023-13 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK2

Quant Time: Oct 06 04:38:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 01:40:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	304459	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	285997	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	128944	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	107436	32.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.46%		
7) Chloroethane-d5	1.903	69	88592	33.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	67.08%#		
11) 1,1-Dichloroethene-d2	2.568	63	180085	32.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.34%		
21) 2-Butanone-d5	4.633	46	237267	90.05	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.05%		
24) Chloroform-d	5.067	84	212572	40.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.76%		
26) 1,2-Dichloroethane-d4	5.706	65	151941	42.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.22%		
32) Benzene-d6	5.732	84	438187	44.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.30%		
36) 1,2-Dichloropropane-d6	6.694	67	139887	43.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.46%		
41) Toluene-d8	7.903	98	379807	44.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.70%		
43) trans-1,3-Dichloroprop...	8.182	79	64537	44.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.68%		
47) 2-Hexanone-d5	8.642	63	165968	92.55	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.55%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	224753	44.60	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.20%		
66) 1,2-Dichlorobenzene-d4	12.195	152	137097	48.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.72%		
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	5306	1.49	ug/L #	26
12) 1,1-Dichloroethene	2.581	96	36798	15.61	ug/L #	61
16) Methylene chloride	3.051	84	27101	9.07	ug/L	92
17) trans-1,2-Dichloroethene	3.356	96	24239	9.76	ug/L	93
19) 1,1-Dichloroethane	3.874	63	28435	5.50	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	520528	190.20	ug/L	92
30) 1,1,1-Trichloroethane	5.321	97	241811	61.08	ug/L	99
34) Trichloroethene	6.546	95	596530	234.13	ug/L	100
42) Toluene	7.973	91	6495	0.60	ug/L	95
45) 1,1,2-Trichloroethane	8.404	97	2299	0.88	ug/L	89

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

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