

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045161.D
 Acq On : 05 Oct 2021 22:00
 Operator : SY/MD
 Sample : M4023-11 400X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK0

Quant Time: Oct 06 04:37:51 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	307607	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	291243	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	130335	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	113916	33.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.66%		
7) Chloroethane-d5	1.906	69	106036	39.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.48%		
11) 1,1-Dichloroethene-d2	2.568	63	178539	31.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.14%		
21) 2-Butanone-d5	4.632	46	238774	89.69	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.69%		
24) Chloroform-d	5.070	84	217329	40.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.72%		
26) 1,2-Dichloroethane-d4	5.706	65	154195	42.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.60%		
32) Benzene-d6	5.732	84	443408	43.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.76%		
36) 1,2-Dichloropropane-d6	6.693	67	144468	43.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.68%		
41) Toluene-d8	7.902	98	392343	44.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.98%		
43) trans-1,3-Dichloroprop...	8.182	79	64715	44.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.30%		
47) 2-Hexanone-d5	8.639	63	166849	91.37	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.37%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	218749	42.63	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.26%		
66) 1,2-Dichlorobenzene-d4	12.195	152	137617	48.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.04%		
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	3106	0.86	ug/L #	1
12) 1,1-Dichloroethene	2.581	96	24478	10.28	ug/L #	9
16) Methylene chloride	3.051	84	131000	43.41	ug/L	95
19) 1,1-Dichloroethane	3.874	63	13436	2.57	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	129225	46.73	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	118541	29.40	ug/L	98
34) Trichloroethene	6.546	95	269912	104.03	ug/L	98
42) Toluene	7.973	91	7280	0.66	ug/L	100
53) m,p-Xylene	9.697	106	2410	0.55	ug/L	81

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

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