

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045099.D
 Acq On : 04 Oct 2021 16:22
 Operator : SY/MD
 Sample : M3996-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A24

Quant Time: Oct 05 02:46:20 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	281128	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	267051	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	124189	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	95612	31.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	62.14%		
7) Chloroethane-d5	1.909	69	90705	37.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	74.38%		
11) 1,1-Dichloroethene-d2	2.568	63	140163	27.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.24%#		
21) 2-Butanone-d5	4.629	46	243015	99.88	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.88%		
24) Chloroform-d	5.067	84	200018	41.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.30%		
26) 1,2-Dichloroethane-d4	5.707	65	144305	43.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.66%		
32) Benzene-d6	5.732	84	400876	43.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.52%		
36) 1,2-Dichloropropane-d6	6.694	67	133026	44.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.06%		
41) Toluene-d8	7.903	98	342311	42.81	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.62%		
43) trans-1,3-Dichloroprop...	8.182	79	60366	44.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.82%		
47) 2-Hexanone-d5	8.636	63	179919	107.45	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.45%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	211433	44.94	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.88%		
66) 1,2-Dichlorobenzene-d4	12.195	152	127620	47.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.44%		
Target Compounds						
					Qvalue	
18) Methyl tert-butyl Ether	3.369	73	3656	0.48	ug/L	97
33) Benzene	5.777	78	9998	1.01	ug/L	100
34) Trichloroethene	6.546	95	9306	3.91	ug/L	99
42) Toluene	7.973	91	14509	1.44	ug/L	95
46) Tetrachloroethene	8.558	164	2233304	1313.36	ug/L	98
52) Ethylbenzene	9.575	91	4941	0.46	ug/L	97
53) m,p-Xylene	9.700	106	1995	0.50	ug/L	89
63) 1,2,4-Trimethylbenzene	11.475	105	2462	0.32	ug/L	97

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

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