

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045124.D
 Acq On : 05 Oct 2021 02:51
 Operator : SY/MD
 Sample : M4025-01 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL0

Quant Time: Oct 05 07:04:14 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	292746	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	274578	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	127083	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	79592	24.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	49.68%#		
7) Chloroethane-d5	1.906	69	54455	21.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	42.88%#		
11) 1,1-Dichloroethene-d2	2.565	63	121879	22.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	45.30%#		
21) 2-Butanone-d5	4.642	46	242655	95.78	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.78%		
24) Chloroform-d	5.066	84	186486	36.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.68%		
26) 1,2-Dichloroethane-d4	5.706	65	135651	39.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.14%		
32) Benzene-d6	5.732	84	372177	39.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.12%		
36) 1,2-Dichloropropane-d6	6.693	67	125363	40.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.70%		
41) Toluene-d8	7.902	98	314504	38.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.50%#		
43) trans-1,3-Dichloroprop...	8.185	79	54584	39.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.00%		
47) 2-Hexanone-d5	8.645	63	177364	103.02	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.02%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	214776	44.40	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.80%		
66) 1,2-Dichlorobenzene-d4	12.198	152	123434	44.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.26%		
Target Compounds						
42) Toluene	7.973	91	5190	0.50	ug/L	Qvalue 100

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

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