

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090322\
 Data File : VU050621.D
 Acq On : 03 Sep 2022 18:44
 Operator : SY/MD
 Sample : N4440-08ME
 Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COZK3ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/08/2022
 Supervised By : Mahesh Dadoda 09/08/2022

Quant Time: Sep 05 01:09:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 05 01:05:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	451525	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	439968	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	157688	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	131198m	33.972	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.940%		
7) Chloroethane-d5	1.893	69	52668m	20.167	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	40.340%#		
11) 1,1-Dichloroethene-d2	2.527	63	166292m	24.367	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	48.740%#		
21) 2-Butanone-d5	4.649	46	274496	97.149	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.150%		
24) Chloroform-d	5.060	84	273952	37.428	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	74.860%		
26) 1,2-Dichloroethane-d4	5.700	65	188607	42.168	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.340%		
32) Benzene-d6	5.719	84	557098	38.316	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.640%		
36) 1,2-Dichloropropane-d6	6.687	67	195837	41.025	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.040%		
41) Toluene-d8	7.896	98	445838	35.858	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	71.720%#		
43) trans-1,3-Dichloroprop...	8.182	79	65218	33.020	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.040%		
47) 2-Hexanone-d5	8.668	63	139350	116.053	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	116.050%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	290832	40.260	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.520%		
66) 1,2-Dichlorobenzene-d4	12.198	152	107084	29.009	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	58.020%#		
Target Compounds						
5) Vinyl chloride	1.597	62	14950m	3.386	ug/L	
17) trans-1,2-Dichloroethene	3.330	96	25919	7.129	ug/L	98
20) cis-1,2-Dichloroethene	4.658	96	739972	180.386	ug/L	99
34) Trichloroethene	6.536	95	165998	44.493	ug/L	98

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

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