

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042922\
 Data File : VU048356.D
 Acq On : 29 Apr 2022 14:45
 Operator : SY/MD
 Sample : N2562-11ME
 Misc : 5.71g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW472ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2022
 Supervised By : Mahesh Dadoda 05/04/2022

Quant Time: Apr 30 04:40:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 30 04:38:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	534729	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	573178	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	301961	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	130935m	26.628	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	53.260%#		
7) Chloroethane-d5	1.874	69	53791m	15.584	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	31.160%#		
11) 1,1-Dichloroethene-d2	2.526	63	180854	22.955	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	45.900%#		
21) 2-Butanone-d5	4.636	46	290604	69.292	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	69.290%		
24) Chloroform-d	5.060	84	285306	31.989	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	63.980%#		
26) 1,2-Dichloroethane-d4	5.700	65	189124	35.738	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	71.480%		
32) Benzene-d6	5.719	84	598883	33.129	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	66.260%#		
36) 1,2-Dichloropropane-d6	6.687	67	201471	33.711	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	67.420%#		
41) Toluene-d8	7.896	98	565408	34.506	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	69.020%#		
43) trans-1,3-Dichloroprop...	8.182	79	91959	34.871	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.740%		
47) 2-Hexanone-d5	8.658	63	227642	70.600	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	70.600%		
56) 1,1,2,2-Tetrachloroeth...	10.767	84	349062	33.303	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	66.600%		
66) 1,2-Dichlorobenzene-d4	12.198	152	258560	38.064	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.120%#		
Target Compounds					Qvalue	
22) 2-Butanone	4.719	43	39706	9.973	ug/L	97
29) Cyclohexane	5.369	56	8676	1.602	ug/L #	57
33) Benzene	5.767	78	12932	0.762	ug/L	100
35) Methylcyclohexane	6.755	83	15226	2.607	ug/L	91
42) Toluene	7.970	91	71777	4.029	ug/L	97
52) Ethylbenzene	9.574	91	34568	1.873	ug/L	95
53) m,p-Xylene	9.697	106	15689	2.155	ug/L	95
54) o-Xylene	10.108	106	6483	0.884	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	19940	1.457	ug/L	100

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

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