

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
 Data File : VU046045.D
 Acq On : 02 Dec 2021 12:28
 Operator : SY/MD
 Sample : M4868-02
 Misc : 6.84g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKN9

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2021
 Supervised By : Mahesh Dadoda 12/03/2021

Quant Time: Dec 03 05:09:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	201860	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	195737	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.825	152	94487	50.000	ug/L	0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	102139	61.425	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 122.860%			
7) Chloroethane-d5	1.916	69	72085	56.462	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 112.920%			
11) 1,1-Dichloroethene-d2	2.543	63	107671	36.070	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.140%			
21) 2-Butanone-d5	4.661	46	168258	127.289	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 127.290%			
24) Chloroform-d	5.067	84	178458	64.267	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 128.540%#			
26) 1,2-Dichloroethane-d4	5.706	65	123521	66.282	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 132.560%#			
32) Benzene-d6	5.726	84	388245	69.204	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 138.400%#			
36) 1,2-Dichloropropane-d6	6.694	67	122847	70.655	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 141.300%#			
41) Toluene-d8	7.903	98	351430	68.799	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 137.600%#			
43) trans-1,3-Dichloroprop...	8.185	79	57861	68.938	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 137.880%#			
47) 2-Hexanone-d5	8.690	63	117444	142.464	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery = 142.460%#			
56) 1,1,2,2-Tetrachloroeth...	10.777	84	165643	62.820	ug/L	0.02
Spiked Amount 50.000	Range 65 - 120		Recovery = 125.640%#			
66) 1,2-Dichlorobenzene-d4	12.205	152	130090	71.492	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 142.980%#			
Target Compounds					Qvalue	
13) Acetone	2.678	43	5968m	3.613	ug/L	
42) Toluene	7.973	91	8685	1.366	ug/L	97
52) Ethylbenzene	9.578	91	23330	3.410	ug/L	99
53) m,p-Xylene	9.703	106	28238	10.584	ug/L	97
54) o-xylene	10.115	106	7457	2.880	ug/L	98
62) 1,3,5-Trimethylbenzene	11.099	105	5042	0.984	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	16211	3.162	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	2082	1.103	ug/L	92
72) 1,2,3-Trichlorobenzene	14.336	180	1291	0.670	ug/L	91

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

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