Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
Data File : VU046335.D
Acq On : 13 Dec 2021 22:42
Operator : SY/MD
Sample : M5023-15ME
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKZ2ME

Manual Integrations APPROVED

Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021

Quant Time: Dec 14 03:55:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 14 03:19:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	175760	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	183915	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	87619	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	73417	50.709	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.420%			
7) Chloroethane-d5	1.916	69	48002	43.182	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.360%			
11) 1,1-Dichloroethene-d2	2.549	63	89853	34.571	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.140%			
21) 2-Butanone-d5	4.661	46	107796	93.658	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.660%			
24) Chloroform-d	5.063	84	128848	53.292	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.580%			
26) 1,2-Dichloroethane-d4	5.703	65	91970	56.680	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.360%			
32) Benzene-d6	5.726	84	267927	50.827	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.660%			
36) 1,2-Dichloropropane-d6	6.694	67	84317	51.612	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.220%			
41) Toluene-d8	7.899	98	239153	49.829	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.660%			
43) trans-1,3-Dichloroprop...	8.185	79	40979	51.962	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.920%			
47) 2-Hexanone-d5	8.684	63	82059	105.939	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.940%			
56) 1,1,2,2-Tetrachloroeth...	10.771	84	126527	51.070	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.140%			
66) 1,2-Dichlorobenzene-d4	12.201	152	89157	52.837	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.680%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.559	96	3355	2.761	ug/L #	1
19) 1,1-Dichloroethane	3.864	63	4804	2.054	ug/L	97
20) cis-1,2-Dichloroethene	4.668	96	1065	0.763	ug/L	92
22) 2-Butanone	4.748	43	13238m	8.454	ug/L	
34) Trichloroethene	6.539	95	20658	14.087	ug/L	97
46) Tetrachloroethene	8.555	164	21238	19.708	ug/L	99

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

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