Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121521\
Data File : VU046398.D
Acq On : 15 Dec 2021 15:48
Operator : SY/MD
Sample : M5023-20ME
Misc : 6.26g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKZ8ME

Manual Integrations APPROVED

Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/18/2021

Quant Time: Dec 16 03:10:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 16 02:25:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	162291	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.430	117	170563	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	79377	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33163	24.806	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	49.620%#		
7) Chloroethane-d5	1.919	69	27520m	26.811	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	53.620%#		
11) 1,1-Dichloroethene-d2	2.555	63	50804m	21.169	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	42.340%#		
21) 2-Butanone-d5	4.662	46	81580m	76.763	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	76.760%		
24) Chloroform-d	5.067	84	73132	32.758	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	65.520%#		
26) 1,2-Dichloroethane-d4	5.706	65	51113	34.115	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	68.220%#		
32) Benzene-d6	5.726	84	134909	27.596	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	55.200%#		
36) 1,2-Dichloropropane-d6	6.694	67	45394	29.962	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	59.920%#		
41) Toluene-d8	7.903	98	114087	25.631	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	51.260%#		
43) trans-1,3-Dichloroprop...	8.185	79	23014	31.467	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.940%		
47) 2-Hexanone-d5	8.693	63	60609	84.372	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.370%		
56) 1,1,2,2-Tetrachloroeth...	10.777	84	81712	35.563	ug/L	0.02
Spiked Amount 50.000	Range 65 - 120		Recovery =	71.120%		
66) 1,2-Dichlorobenzene-d4	12.201	152	51135	33.451	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	66.900%#		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.568	96	11741	10.463	ug/L #	59
15) Methyl Acetate	2.964	43	2603	1.681	ug/L	90
19) 1,1-Dichloroethane	3.864	63	30139	13.958	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	6187	4.802	ug/L	95
22) 2-Butanone	4.745	43	10571m	7.311	ug/L	
34) Trichloroethene	6.542	95	101352	74.525	ug/L	97
46) Tetrachloroethene	8.558	164	559755	560.086	ug/L	99

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

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