Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120123\
Data File : VV033084.D
Acq On : 01 Dec 2023 17:16
Operator : SY/MD
Sample : 04929-10ME
Misc : 4.65G/5.0mL/100uL/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AS7ME

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/04/2023
Supervised By :Mahesh Dadoda 12/04/2023

Quant Time: Dec 04 04:23:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 04 04:21:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	352185	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	363180	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	207157	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	134974	64.110	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 128.220%			
7) Chloroethane-d5	1.510	69	103234	70.374	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 140.740%#			
11) 1,1-Dichloroethene-d2	2.047	65	47128	58.842	ug/L	-0.01
Spiked Amount 50.000	Range 60 - 125		Recovery = 117.680%			
21) 2-Butanone-d5	3.789	46	113816	108.843	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.840%			
24) Chloroform-d	4.246	84	255266	57.132	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.260%			
26) 1,2-Dichloroethane-d4	4.937	65	170978	61.550	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 123.100%			
32) Benzene-d6	4.957	84	506889	59.676	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 119.360%			
36) 1,2-Dichloropropane-d6	5.989	67	135623	59.384	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 118.760%			
41) Toluene-d8	7.243	98	493306m	60.881	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 121.760%#			
43) trans-1,3-Dichloroprop...	7.555	79	84612	58.589	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 117.180%			
47) 2-Hexanone-d5	8.037	63	104134	113.499	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.500%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	180239	55.517	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 111.040%			
66) 1,2-Dichlorobenzene-d4	11.564	152	227286	61.665	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 123.340%#			
Target Compounds						Qvalue
51) Chlorobenzene	8.815	112	1757127	240.936	ug/L	99
64) 1,3-Dichlorobenzene	11.130	146	4759	0.746	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	12317	1.858	ug/L	97
67) 1,2-Dichlorobenzene	11.583	146	14387	2.300	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	17401	3.685	ug/L	98

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

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