Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011222\
Data File : VV024331.D
Acq On : 12 Jan 2022 15:38
Operator : SY/MD
Sample : N1053-27ME
Misc : 6.56g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGLL4ME

Manual Integrations APPROVED

Reviewed By :John Carlone 01/13/2022
Supervised By :Semsettin Yesilyurt 01/13/2022

Quant Time: Jan 13 02:32:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 13 02:28:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	36962	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	38926	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	18401	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	53719	201.943	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 403.880%#			
7) Chloroethane-d5	1.568	69	48470	239.859	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 479.720%#			
11) 1,1-Dichloroethene-d2	2.095	63	84177	169.314	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 338.620%#			
21) 2-Butanone-d5	3.883	46	127863	862.737	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 862.740%#			
24) Chloroform-d	4.336	84	160239	329.591	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 659.180%#			
26) 1,2-Dichloroethane-d4	5.021	65	113447	348.524	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 697.040%#			
32) Benzene-d6	5.040	84	263503	259.405	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 518.800%#			
36) 1,2-Dichloropropane-d6	6.063	67	88965	312.506	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 625.020%#			
41) Toluene-d8	7.310	98	224470	228.231	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 456.460%#			
43) trans-1,3-Dichloroprop...	7.616	79	47232	288.125	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 576.260%#			
47) 2-Hexanone-d5	8.121	63	97122m	785.250	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery = 785.250%#			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	153564	377.461	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 754.920%#			
66) 1,2-Dichlorobenzene-d4	11.625	152	133680	364.471	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 728.940%#			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	784	3.129	ug/L	100
19) 1,1-Dichloroethane	3.185	63	1033	2.684	ug/L #	73
25) Chloroform	4.365	83	8798	19.555	ug/L	91
42) Toluene	7.394	91	3696	3.327	ug/L	87

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

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