Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101322\
Data File : VV028539.D
Acq On : 13 Oct 2022 16:05
Operator : SY/MD
Sample : N5049-13ME
Misc : 4.56g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BR9ME

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/17/2022
Supervised By :Mahesh Dadoda 10/18/2022

Quant Time: Oct 14 04:50:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 14 04:49:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	251306	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	245215	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	138225	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37964	19.578	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	39.160%#		
7) Chloroethane-d5	1.564	69	32388	21.065	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	42.120%#		
11) 1,1-Dichloroethene-d2	2.088	63	75715	22.943	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	45.880%#		
21) 2-Butanone-d5	3.921	46	128664m	75.797	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	75.800%		
24) Chloroform-d	4.339	84	149964	42.168	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.340%		
26) 1,2-Dichloroethane-d4	5.024	65	112033	48.846	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.700%		
32) Benzene-d6	5.040	84	236802	30.137	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	60.280%#		
36) 1,2-Dichloropropane-d6	6.066	67	86331	33.698	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	67.400%#		
41) Toluene-d8	7.310	98	217747	30.952	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	61.900%#		
43) trans-1,3-Dichloroprop...	7.619	79	53876	41.259	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.520%		
47) 2-Hexanone-d5	8.111	63	120594	86.533	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.530%		
56) 1,1,2,2-Tetrachloroeth...	10.213	84	156955	44.771	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.540%		
66) 1,2-Dichlorobenzene-d4	11.619	152	131391	45.875	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.740%		
Target Compounds						Qvalue
29) Cyclohexane	4.667	56	3455	0.980	ug/L #	71
35) Methylcyclohexane	6.120	83	13856	3.984	ug/L	99
53) m,p-Xylene	9.140	106	4301	1.252	ug/L	94
54) o-Xylene	9.541	106	4161	1.210	ug/L	94
63) 1,2,4-Trimethylbenzene	10.914	105	6933	0.810	ug/L	97

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

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