Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101921\
Data File : VX024845.D
Acq On : 19 Oct 2021 13:56
Operator : JC/MD
Sample : M4181-14ME
Misc : 5.60g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0AZ2ME

Manual Integrations APPROVED
MMDadoda
10/21/2021 10:46:33 AM

Quant Time: Oct 20 04:22:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM100721WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 20 04:21:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	299630	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	270454	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	142342	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	86994	46.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.78%			
7) Chloroethane-d5	1.648	69	55313	45.29	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.58%			
11) 1,1-Dichloroethene-d2	2.276	63	134275m	36.86	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.72%			
21) 2-Butanone-d5	4.489	46	226401	148.44	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 148.44%#			
24) Chloroform-d	5.062	84	210691	56.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.16%			
26) 1,2-Dichloroethane-d4	5.964	65	151751	57.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.22%			
32) Benzene-d6	5.976	84	402448	52.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.64%			
36) 1,2-Dichloropropane-d6	7.312	67	140875	59.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 118.24%			
41) Toluene-d8	8.653	98	371670	50.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.14%			
43) trans-1,3-Dichloroprop...	8.952	79	62886	53.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.52%			
47) 2-Hexanone-d5	9.397	63	149107	133.29	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 133.29%#			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	199191	60.70	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 121.40%#			
66) 1,2-Dichlorobenzene-d4	12.323	152	159854	57.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 114.80%			
Target Compounds						Qvalue
29) Cyclohexane	5.470	56	9179	2.73	ug/L #	20
35) Methylcyclohexane	7.379	83	31948	8.74	ug/L	95
42) Toluene	8.720	91	20448	2.19	ug/L	92
53) m,p-Xylene	10.305	106	8147	2.17	ug/L	99
54) o-Xylene	10.646	106	8531	2.28	ug/L	89
60) Isopropylbenzene	10.969	105	6402	0.65	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	12591	1.50	ug/L	96

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

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