Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020222\
Data File : VV024527.D
Acq On : 02 Feb 2022 16:11
Operator : SY/MD
Sample : N1353-04ME
Misc : 2.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0VE5ME

Manual Integrations APPROVED

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

Quant Time: Feb 03 06:25:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 03 05:56:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	386156	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	362550	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	160608	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	128173	46.742	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.480%			
7) Chloroethane-d5	1.568	69	103558	43.328	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.660%			
11) 1,1-Dichloroethene-d2	2.095	63	133708	24.474	ug/L	-0.01
Spiked Amount 50.000	Range 60 - 125		Recovery = 48.940%#			
21) 2-Butanone-d5	3.924	46	157438	86.806	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery = 86.810%			
24) Chloroform-d	4.346	84	233908	46.446	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.900%			
26) 1,2-Dichloroethane-d4	5.031	65	162455	50.539	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.080%			
32) Benzene-d6	5.043	84	483145	46.868	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.740%			
36) 1,2-Dichloropropane-d6	6.066	67	156634	47.730	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.460%			
41) Toluene-d8	7.313	98	447003m	47.116	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.240%			
43) trans-1,3-Dichloroprop...	7.622	79	83133	48.141	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.280%			
47) 2-Hexanone-d5	8.130	63	137319	98.521	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.520%			
56) 1,1,2,2-Tetrachloroeth...	10.223	84	188003	47.786	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.580%			
66) 1,2-Dichlorobenzene-d4	11.628	152	147757	48.625	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.260%			
Target Compounds						Qvalue
13) Acetone	2.204	43	126506m	66.351	ug/L	
22) 2-Butanone	4.011	43	41118m	19.152	ug/L	
40) 4-Methyl-2-pentanone	7.233	43	4133053m	1084.911	ug/L	
42) Toluene	7.391	91	24858	2.249	ug/L	93
52) Ethylbenzene	9.018	91	28068	2.295	ug/L	96
53) m,p-Xylene	9.140	106	46055	10.064	ug/L	95
54) o-Xylene	9.551	106	15562	3.405	ug/L	99

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

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