Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048006.D
Acq On : 13 Apr 2022 16:11
Operator : SY/MD
Sample : N2358-01
Misc : 6.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS1

Manual Integrations APPROVED

Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

Quant Time: Apr 14 03:09:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 14 02:49:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	324461	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	358099	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	198681	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	42939m	18.250	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 36.500%#			
7) Chloroethane-d5	1.874	69	26229m	14.138	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 28.280%#			
11) 1,1-Dichloroethene-d2	2.536	63	54695	12.706	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 25.420%#			
21) 2-Butanone-d5	4.633	46	223764	110.800	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.800%			
24) Chloroform-d	5.060	84	140023	32.525	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 65.040%#			
26) 1,2-Dichloroethane-d4	5.700	65	98830	37.430	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 74.860%			
32) Benzene-d6	5.723	84	224813	24.949	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 49.900%#			
36) 1,2-Dichloropropane-d6	6.690	67	94794	34.255	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 68.520%#			
41) Toluene-d8	7.899	98	179240	20.417	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 40.840%#			
43) trans-1,3-Dichloroprop...	8.182	79	41112	29.325	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.640%#			
47) 2-Hexanone-d5	8.652	63	176601	109.015	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.010%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	238522	50.224	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.440%			
66) 1,2-Dichlorobenzene-d4	12.195	152	136831	38.710	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 77.420%#			
Target Compounds						Qvalue
13) Acetone	2.646	43	24972	13.288	ug/L	99
15) Methyl Acetate	2.954	43	4238	1.414	ug/L #	87
33) Benzene	5.768	78	209536	20.215	ug/L	100
42) Toluene	7.970	91	43945	3.864	ug/L	100
51) Chlorobenzene	9.452	112	938090	121.479	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	8021	1.298	ug/L	92
67) 1,2-Dichlorobenzene	12.214	146	43267	7.245	ug/L	98

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

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