Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047938.D
Acq On : 12 Apr 2022 04:00
Operator : SY/MD
Sample : N2293-02ME
Misc : 7.71g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNN2ME

Manual Integrations APPROVED

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

Quant Time: Apr 12 05:08:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 12 04:48:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	445346	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	502661	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	283355	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	92811	28.739	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	57.480%#		
7) Chloroethane-d5	1.880	69	51449m	20.204	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	40.400%#		
11) 1,1-Dichloroethene-d2	2.536	63	132229	22.379	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	44.760%#		
21) 2-Butanone-d5	4.639	46	208868	75.351	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	75.350%		
24) Chloroform-d	5.064	84	205684	34.808	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	69.620%#		
26) 1,2-Dichloroethane-d4	5.700	65	138413	38.192	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.380%		
32) Benzene-d6	5.723	84	417476	33.006	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	66.020%#		
36) 1,2-Dichloropropane-d6	6.690	67	138722	35.712	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	71.420%		
41) Toluene-d8	7.899	98	380848	30.905	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	61.800%#		
43) trans-1,3-Dichloroprop...	8.182	79	58020	29.483	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.960%#		
47) 2-Hexanone-d5	8.658	63	167990	73.876	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	73.880%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	241041	36.158	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	72.320%		
66) 1,2-Dichlorobenzene-d4	12.198	152	183100	36.321	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	72.640%#		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.662	96	12631	3.497	ug/L	96
27) 1,2-Dichloroethane	5.793	62	74073	15.671	ug/L	100
33) Benzene	5.768	78	298820	20.538	ug/L	100
34) Trichloroethene	6.539	95	16844	4.416	ug/L	96
42) Toluene	7.973	91	47720	2.989	ug/L	99
51) Chlorobenzene	9.446	112	21107359m	1947.229	ug/L	

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

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