Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042444.D
Acq On : 22 Jul 2024 13:05
Operator : JC/MD
Sample : P3263-15ME
Misc : 5.24g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
A4CK3ME

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

Quant Time: Jul 23 05:15:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 20 01:45:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	204975	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	190398	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	98993	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	39250m	32.898	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.800%		
7) Chloroethane-d5	1.648	69	25262m	33.629	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	67.260%#		
11) 1,1-Dichloroethene-d2	2.270	65	16587	31.766	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.540%		
21) 2-Butanone-d5	4.495	46	68856	80.085	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.090%		
24) Chloroform-d	5.056	84	92604	38.603	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.200%		
26) 1,2-Dichloroethane-d4	5.952	65	60359	42.629	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.260%		
32) Benzene-d6	5.964	84	201032	40.849	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.700%		
36) 1,2-Dichloropropane-d6	7.305	67	60626	40.935	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.860%		
41) Toluene-d8	8.647	98	179690	39.181	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.360%#		
43) trans-1,3-Dichloroprop...	8.951	79	23699	37.024	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.040%		
47) 2-Hexanone-d5	9.397	63	56138	83.505	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.510%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	89738	40.984	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.960%		
66) 1,2-Dichlorobenzene-d4	12.323	152	81392	42.331	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.660%		
Target Compounds						Qvalue
15) Methyl Acetate	2.721	43	30517	20.478	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	3242	2.167	ug/L	92
34) Trichloroethene	7.123	95	7908	5.670	ug/L	96
46) Tetrachloroethene	9.269	164	369734	283.223	ug/L	97

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

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