Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042423\
Data File : VV030810.D
Acq On : 24 Apr 2023 22:44
Operator : SY/MD
Sample : 02418-08ME
Misc : 3.97g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Apr 25 05:30:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 22 00:43:23 2023
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
EW8Z4ME

Manual Integrations APPROVED

Reviewed By :Krupa Patel

04/26/2023
Supervised By :Mahesh Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	219838	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	216485	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.197	152	106654	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.285	65	134570	83.502	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 167.000%#			
7) Chloroethane-d5	1.539	69	126206	93.451	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 186.900%#			
11) 1,1-Dichloroethene-d2	2.050	65	71508	93.565	ug/L	-0.01
Spiked Amount 50.000	Range 60 - 125		Recovery = 187.120%#			
21) 2-Butanone-d5	3.818	46	183927m	207.786	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 207.790%#			
24) Chloroform-d	4.259	84	278797	95.460	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 190.920%#			
26) 1,2-Dichloroethane-d4	4.950	65	200779	106.929	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 213.860%#			
32) Benzene-d6	4.966	84	536360	104.792	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 209.580%#			
36) 1,2-Dichloropropane-d6	5.998	67	160064	100.677	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 201.360%#			
41) Toluene-d8	7.249	98	497572	103.540	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 207.080%#			
43) trans-1,3-Dichloroprop...	7.561	79	84545	105.506	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 211.020%#			
47) 2-Hexanone-d5	8.075	63	116702m	186.331	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery = 186.330%#			
56) 1,1,2,2-Tetrachloroeth...	10.172	84	215288	93.319	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery = 186.640%#			
66) 1,2-Dichlorobenzene-d4	11.574	152	198122	116.871	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 233.740%#			
Target Compounds						Qvalue
3) Chloromethane	1.220	50	32975	13.300	ug/L	100
6) Bromomethane	1.497	94	9479	11.959	ug/L	94
12) 1,1-Dichloroethene	2.053	96	1686	1.095	ug/L #	1

04/26/2023

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

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