Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122123\
Data File : VX039420.D
Acq On : 21 Dec 2023 11:39
Operator : JC/MD
Sample : 05807-16
Misc : 4.97g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0B01

Quant Time: Dec 22 00:42:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 22 00:41:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	187908	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	172419	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	85753	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	56548	38.368	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.740%			
7) Chloroethane-d5	1.648	69	23521	21.591	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 43.180%#			
11) 1,1-Dichloroethene-d2	2.288	65	27214	42.064	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.120%			
21) 2-Butanone-d5	4.477	46	120350	90.209	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.210%			
24) Chloroform-d	5.056	84	115883	44.416	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.840%			
26) 1,2-Dichloroethane-d4	5.952	65	88224	52.213	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.420%			
32) Benzene-d6	5.964	84	248565	46.712	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.420%			
36) 1,2-Dichloropropane-d6	7.305	67	81425	47.548	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.100%			
41) Toluene-d8	8.647	98	220626	45.752	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.500%			
43) trans-1,3-Dichloroprop...	8.952	79	32933	37.791	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.580%			
47) 2-Hexanone-d5	9.397	63	87650	85.696	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.700%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	110241	45.380	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.760%			
66) 1,2-Dichlorobenzene-d4	12.323	152	78105	48.187	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.380%			
Target Compounds						Qvalue
51) Chlorobenzene	10.079	112	4898	1.365	ug/L #	87
64) 1,3-Dichlorobenzene	11.969	146	4647	1.733	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	63928	23.522	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	19168	7.471	ug/L	95
70) 1,2,4-trichlorobenzene	13.585	180	98392	58.844	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	22068	13.630	ug/L	96

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

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