Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080822\
Data File : VX030513.D
Acq On : 08 Aug 2022 15:29
Operator : JC/MD
Sample : N4066-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 09 01:06:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 09 00:14:16 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
F5E26

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/09/2022
Supervised By :Semsettin Yesilyurt 08/09/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	298836	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	262009	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	118699	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	67378	35.110	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 70.220%			
7) Chloroethane-d5	1.666	69	52518	38.820	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 77.640%			
11) 1,1-Dichloroethene-d2	2.306	63	107667	29.659	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.320%#			
21) 2-Butanone-d5	4.471	46	169685	95.430	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.430%			
24) Chloroform-d	5.068	84	157515	39.872	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.740%			
26) 1,2-Dichloroethane-d4	5.964	65	113628	42.361	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.720%			
32) Benzene-d6	5.982	84	312522	41.641	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.280%			
36) 1,2-Dichloropropane-d6	7.318	67	103357	42.446	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 84.900%			
41) Toluene-d8	8.653	98	279449	39.501	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.000%#			
43) trans-1,3-Dichloroprop...	8.958	79	47564	39.265	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.520%			
47) 2-Hexanone-d5	9.390	63	111735	90.024	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.020%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	141154	44.127	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.260%			
66) 1,2-Dichlorobenzene-d4	12.323	152	101314	44.006	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.020%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	140064	67.817	ug/L	98
12) 1,1-Dichloroethene	2.312	96	3636	2.174	ug/L #	1
17) trans-1,2-Dichloroethene	3.093	96	11857	6.119	ug/L	96
20) cis-1,2-Dichloroethene	4.495	96	899205m	412.516	ug/L	
34) Trichloroethene	7.129	95	2427185	997.599	ug/L	96
46) Tetrachloroethene	9.281	164	495915	322.516	ug/L	93

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

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