Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027140.D
Acq On : 01 Aug 2022 21:19
Operator : SY/MD
Sample : N3897-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 02 00:37:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 02 00:27:15 2022
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
DBUQ9

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/02/2022
Supervised By :Mahesh Dadoda 08/03/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	611984	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	600246	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	274628	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	279660	70.511	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 141.020%#			
7) Chloroethane-d5	1.561	69	210050	70.773	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 141.540%#			
11) 1,1-Dichloroethene-d2	2.105	63	337246	44.653	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.300%			
21) 2-Butanone-d5	3.873	46	306869	117.518	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.520%			
24) Chloroform-d	4.342	84	441141	55.025	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.060%			
26) 1,2-Dichloroethane-d4	5.027	65	259857	57.129	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.260%			
32) Benzene-d6	5.043	84	913809	57.533	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.060%			
36) 1,2-Dichloropropane-d6	6.066	67	283511	57.701	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 115.400%			
41) Toluene-d8	7.313	98	786193	54.905	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.800%			
43) trans-1,3-Dichloroprop...	7.619	79	110798	51.380	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.760%			
47) 2-Hexanone-d5	8.088	63	245923m	129.644	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 129.640%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	395861	53.898	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.800%			
66) 1,2-Dichlorobenzene-d4	11.622	152	309688	64.165	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 128.320%#			
Target Compounds						Qvalue
13) Acetone	2.162	43	251569	114.092	ug/L	98
15) Methyl Acetate	2.433	43	12938m	2.697	ug/L	
22) 2-Butanone	3.998	43	13431m	4.420	ug/L	
52) Ethylbenzene	9.014	91	36649	1.883	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	8151	1.117	ug/L	92
63) 1,2,4-Trimethylbenzene	10.914	105	18615	3.157	ug/L	97

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

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