Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050838.D
Acq On : 20 Sep 2022 18:00
Operator : JC/MD
Sample : N4651-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ25

Quant Time: Sep 21 02:25:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 21 02:18:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	487173	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	461347	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	175841	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	215090	42.614	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.220%			
7) Chloroethane-d5	1.909	69	167553	46.610	ug/L	0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.220%			
11) 1,1-Dichloroethene-d2	2.565	63	263271	33.521	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.040%			
21) 2-Butanone-d5	4.626	46	331067	101.597	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.600%			
24) Chloroform-d	5.063	84	349953	44.242	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.480%			
26) 1,2-Dichloroethane-d4	5.700	65	225778	46.316	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.640%			
32) Benzene-d6	5.726	84	718656	47.293	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.580%			
36) 1,2-Dichloropropane-d6	6.690	67	243739	47.519	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.040%			
41) Toluene-d8	7.896	98	583587	43.935	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.860%			
43) trans-1,3-Dichloroprop...	8.179	79	99971	44.802	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.600%			
47) 2-Hexanone-d5	8.632	63	207097	97.975	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.980%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	345306	44.156	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.320%			
66) 1,2-Dichlorobenzene-d4	12.192	152	187721	50.988	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.980%			
Target Compounds						Qvalue
5) Vinyl chloride	1.600	62	57912	10.087	ug/L	93
12) 1,1-Dichloroethene	2.575	96	5650	1.509	ug/L #	1
17) trans-1,2-Dichloroethene	3.353	96	12967	3.378	ug/L	93
19) 1,1-Dichloroethane	3.867	63	449627	57.967	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	401069	94.229	ug/L	99
27) 1,2-Dichloroethane	5.796	62	5088	0.866	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	156086	25.431	ug/L	99
34) Trichloroethene	6.539	95	35344	8.962	ug/L	98
46) Tetrachloroethene	8.552	164	15598	5.504	ug/L	98

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

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