Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050856.D
Acq On : 21 Sep 2022 01:28
Operator : JC/MD
Sample : N4650-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 21 04:42:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 21 04:30:12 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
EXZ10

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	409126	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	399209	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	144641	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	194588	45.906	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.820%			
7) Chloroethane-d5	1.906	69	153234	50.759	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.520%			
11) 1,1-Dichloroethene-d2	2.565	63	240262m	36.427	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.860%			
21) 2-Butanone-d5	4.616	46	319296	116.677	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 116.680%			
24) Chloroform-d	5.060	84	326730	49.186	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.380%			
26) 1,2-Dichloroethane-d4	5.700	65	207427	50.669	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.340%			
32) Benzene-d6	5.726	84	655574	49.857	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.720%			
36) 1,2-Dichloropropane-d6	6.690	67	227834	51.332	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.660%			
41) Toluene-d8	7.896	98	527555	45.899	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.800%			
43) trans-1,3-Dichloroprop...	8.179	79	87960	45.555	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.120%			
47) 2-Hexanone-d5	8.629	63	194565	106.374	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.370%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	335782	49.622	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.240%			
66) 1,2-Dichlorobenzene-d4	12.192	152	168242	55.554	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.100%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	9756	3.102	ug/L #	1
13) Acetone	2.629	43	6229	2.688	ug/L	97
19) 1,1-Dichloroethane	3.867	63	69221	10.627	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	10293	2.880	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	429428	80.856	ug/L	100
46) Tetrachloroethene	8.555	164	22269	9.081	ug/L	96

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

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