Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
Data File : VU045201.D
Acq On : 07 Oct 2021 10:56
Operator : SY/MD
Sample : M4023-11 250X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AK0

Quant Time: Oct 07 21:36:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 21:34:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	291606	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	275364	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	123248	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	119465	37.424	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.840%			
7) Chloroethane-d5	1.900	69	102093	40.359	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.720%			
11) 1,1-Dichloroethene-d2	2.565	63	178270	33.254	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.500%			
21) 2-Butanone-d5	4.626	46	202689	80.314	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 80.310%			
24) Chloroform-d	5.070	84	201555	39.977	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.960%			
26) 1,2-Dichloroethane-d4	5.706	65	146372	42.860	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.720%			
32) Benzene-d6	5.732	84	422912	44.261	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.520%			
36) 1,2-Dichloropropane-d6	6.694	67	134611	43.206	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.420%			
41) Toluene-d8	7.903	98	370514	44.933	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.860%			
43) trans-1,3-Dichloroprop...	8.182	79	60435	43.607	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.220%			
47) 2-Hexanone-d5	8.636	63	148714	86.133	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.130%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	208580	42.993	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.980%			
66) 1,2-Dichlorobenzene-d4	12.195	152	131778	49.130	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.260%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	36795	16.294	ug/L #	52
16) Methylene chloride	3.047	84	212027	74.113	ug/L	94
19) 1,1-Dichloroethane	3.874	63	21438	4.332	ug/L	96
20) cis-1,2-Dichloroethene	4.671	96	204474	78.006	ug/L	94
30) 1,1,1-Trichloroethane	5.321	97	190947	50.094	ug/L	98
34) Trichloroethene	6.546	95	436630	177.992	ug/L	99
42) Toluene	7.973	91	7959	0.767	ug/L	96
45) 1,1,2-Trichloroethane	8.404	97	1679	0.666	ug/L	96
53) m,p-Xylene	9.697	106	3976	0.957	ug/L	92
54) o-xylene	10.105	106	1779	0.436	ug/L	95

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

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