Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045246.D
Acq On : 08 Oct 2021 13:06
Operator : SY/MD
Sample : M4024-14DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM2DL

Quant Time: Oct 09 05:53:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 09 05:29:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	288129	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	277495	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	120206	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	145186	46.030	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.060%			
7) Chloroethane-d5	1.896	69	115313	46.135	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.280%			
11) 1,1-Dichloroethene-d2	2.562	63	179075	33.807	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.620%			
21) 2-Butanone-d5	4.629	46	209211	83.899	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 83.900%			
24) Chloroform-d	5.067	84	212110	42.578	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.160%			
26) 1,2-Dichloroethane-d4	5.707	65	150442	44.583	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.160%			
32) Benzene-d6	5.732	84	455910	47.348	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.700%			
36) 1,2-Dichloropropane-d6	6.694	67	144132	45.906	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.820%			
41) Toluene-d8	7.903	98	390047	46.939	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.880%			
43) trans-1,3-Dichloroprop...	8.182	79	64364	46.085	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.180%			
47) 2-Hexanone-d5	8.636	63	143951	82.734	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 82.730%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	213729	43.716	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.440%			
66) 1,2-Dichlorobenzene-d4	12.198	152	132939	50.817	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.640%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	11302	3.355	ug/L #	1
12) 1,1-Dichloroethene	2.575	96	7576	3.395	ug/L #	1
19) 1,1-Dichloroethane	3.871	63	6477	1.325	ug/L	95
20) cis-1,2-Dichloroethene	4.671	96	308532	119.125	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	62902	16.375	ug/L	99
34) Trichloroethene	6.546	95	6411	2.593	ug/L	97
42) Toluene	7.973	91	7268	0.695	ug/L	91
52) Ethylbenzene	9.575	91	10279	0.930	ug/L	98
53) m,p-Xylene	9.694	106	17183	4.106	ug/L	100
54) o-xylene	10.102	106	2099	0.510	ug/L	100

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

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