Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020123\
Data File : VU052916.D
Acq On : 01 Feb 2023 19:26
Operator : JC/MD
Sample : 01381-13 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A44N2

Quant Time: Feb 01 20:08:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 01 20:03:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	232147	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	225335	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	107081	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	55590	33.270	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 66.540%			
7) Chloroethane-d5	1.906	69	62116	45.117	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.240%			
11) 1,1-Dichloroethene-d2	2.559	63	117866	35.466	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.940%			
21) 2-Butanone-d5	4.626	46	88303	85.549	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.550%			
24) Chloroform-d	5.057	84	173733	48.720	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.440%			
26) 1,2-Dichloroethane-d4	5.694	65	114543	50.306	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.620%			
32) Benzene-d6	5.719	84	333165	48.394	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.780%			
36) 1,2-Dichloropropane-d6	6.684	67	99812	49.434	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.860%			
41) Toluene-d8	7.893	98	284205	45.336	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.680%			
43) trans-1,3-Dichloroprop...	8.176	79	46223	45.676	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.360%			
47) 2-Hexanone-d5	8.645	63	61697	86.965	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.970%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	136842	45.872	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.740%			
66) 1,2-Dichlorobenzene-d4	12.189	152	114211	54.930	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.860%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	8736	4.405	ug/L	88
20) cis-1,2-Dichloroethene	4.658	96	86316	43.561	ug/L	97
33) Benzene	5.768	78	7145	0.931	ug/L	100
34) Trichloroethene	6.536	95	132360	67.891	ug/L	97
51) Chlorobenzene	9.443	112	220624	40.792	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	5967	1.710	ug/L	91
65) 1,4-Dichlorobenzene	11.832	146	46040	12.746	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	255817	72.485	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	6531	3.016	ug/L	95

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

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