Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020323\
Data File : VU052943.D
Acq On : 03 Feb 2023 14:28
Operator : JC/MD
Sample : 01381-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A44M5

Quant Time: Feb 03 23:46:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 03 23:44:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	220964	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	214188	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	109681	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60300	37.915	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.840%			
7) Chloroethane-d5	1.909	69	58453	44.605	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.220%			
11) 1,1-Dichloroethene-d2	2.559	63	98639	31.183	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.360%			
21) 2-Butanone-d5	4.626	46	74228	75.552	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 75.550%			
24) Chloroform-d	5.057	84	151118	44.522	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.040%			
26) 1,2-Dichloroethane-d4	5.694	65	101828	46.985	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.960%			
32) Benzene-d6	5.723	84	281215	42.974	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.940%			
36) 1,2-Dichloropropane-d6	6.684	67	86593	45.119	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.240%			
41) Toluene-d8	7.893	98	244693	41.065	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.120%			
43) trans-1,3-Dichloroprop...	8.176	79	41037	42.661	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.320%			
47) 2-Hexanone-d5	8.642	63	50898	75.477	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 75.480%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	119638	42.192	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.380%			
66) 1,2-Dichlorobenzene-d4	12.192	152	110403	51.840	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.680%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.658	96	138586	73.480	ug/L	100
33) Benzene	5.771	78	17970	2.465	ug/L	100
34) Trichloroethene	6.536	95	118261	63.816	ug/L	98
51) Chlorobenzene	9.443	112	613090	119.256	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	14044	3.930	ug/L	93
65) 1,4-Dichlorobenzene	11.835	146	113449	30.663	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	587988	162.655	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	113852	51.325	ug/L	96
72) 1,2,3-Trichlorobenzene	14.327	180	27980	11.935	ug/L	97

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

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