Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102022\
Data File : VU051476.D
Acq On : 20 Oct 2022 16:53
Operator : JC/MD
Sample : N5180-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Quant Time: Oct 20 22:27:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 20 21:53:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	474222	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	465013	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	180652	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	186883	49.665	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.340%			
7) Chloroethane-d5	1.899	69	166279	53.639	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.280%			
11) 1,1-Dichloroethene-d2	2.562	63	240265	37.510	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.020%			
21) 2-Butanone-d5	4.616	46	293309	110.579	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.580%			
24) Chloroform-d	5.060	84	354164	51.244	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.480%			
26) 1,2-Dichloroethane-d4	5.700	65	226282	52.664	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.320%			
32) Benzene-d6	5.722	84	716823	56.923	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.840%			
36) 1,2-Dichloropropane-d6	6.687	67	235811	57.023	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 114.040%			
41) Toluene-d8	7.896	98	601978	52.445	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.900%			
43) trans-1,3-Dichloroprop...	8.176	79	93374	53.028	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.060%			
47) 2-Hexanone-d5	8.629	63	189424	104.289	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.290%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	365990	50.946	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.900%			
66) 1,2-Dichlorobenzene-d4	12.192	152	209718	62.014	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 124.020%#			
Target Compounds						Qvalue
51) Chlorobenzene	9.446	112	12187	1.193	ug/L	95
65) 1,4-Dichlorobenzene	11.832	146	10818	1.817	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	12841	2.129	ug/L	97
70) 1,2,4-trichlorobenzene	13.848	180	5095	1.704	ug/L	97

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

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