Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
Data File : VU048230.D
Acq On : 22 Apr 2022 17:20
Operator : SY/MD
Sample : N2486-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J36

Quant Time: Apr 22 22:03:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 22 21:59:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	317033	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	331369	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	155735	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	97978	42.617	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.240%			
7) Chloroethane-d5	1.893	69	77432	42.715	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.420%			
11) 1,1-Dichloroethene-d2	2.562	63	129179	30.711	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.420%			
21) 2-Butanone-d5	4.620	46	180719	91.583	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.580%			
24) Chloroform-d	5.063	84	191152	45.441	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.880%			
26) 1,2-Dichloroethane-d4	5.700	65	117908	45.701	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.400%			
32) Benzene-d6	5.726	84	385434	46.225	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.460%			
36) 1,2-Dichloropropane-d6	6.690	67	123474	48.218	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.440%			
41) Toluene-d8	7.899	98	320952	39.507	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.020%#			
43) trans-1,3-Dichloroprop...	8.179	79	43437	33.482	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.960%			
47) 2-Hexanone-d5	8.636	63	123356	82.289	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 82.290%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	215568	49.052	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.100%			
66) 1,2-Dichlorobenzene-d4	12.195	152	140586	50.741	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.480%			
Target Compounds						Qvalue
13) Acetone	2.629	43	6847	3.729	ug/L	97
14) Carbon disulfide	2.790	76	4084	0.594	ug/L #	93
15) Methyl Acetate	2.948	43	11159	3.811	ug/L	93
33) Benzene	5.774	78	77294	8.059	ug/L	100
51) Chlorobenzene	9.446	112	657619	92.028	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	67076	14.338	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	261813	54.031	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	70908	15.148	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	21144	6.354	ug/L	98

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

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