Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
Data File : VX040975.D
Acq On : 11 Apr 2024 13:36
Operator : JC/MD
Sample : P2048-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MC0R53

Quant Time: Apr 12 01:46:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041024WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:36:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	325937	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	304180	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	163188	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	97207	41.931	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.860%			
7) Chloroethane-d5	1.672	69	82309	43.533	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.060%			
11) 1,1-Dichloroethene-d2	2.306	65	43769	44.221	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.440%			
21) 2-Butanone-d5	4.452	46	135706	107.463	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.460%			
24) Chloroform-d	5.056	84	192216	44.437	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.880%			
26) 1,2-Dichloroethane-d4	5.952	65	126136	44.829	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.660%			
32) Benzene-d6	5.970	84	398761	48.288	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.580%			
36) 1,2-Dichloropropane-d6	7.312	67	116240	48.264	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.520%			
41) Toluene-d8	8.647	98	377338	46.772	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.540%			
43) trans-1,3-Dichloroprop...	8.952	79	56301	46.453	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.900%			
47) 2-Hexanone-d5	9.384	63	96721	95.251	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.250%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	166575	46.690	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.380%			
66) 1,2-Dichlorobenzene-d4	12.317	152	159513	48.728	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.460%			
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	3.117	73	23263	3.657	ug/L	98
33) Benzene	6.037	78	573556	72.676	ug/L	100
51) Chlorobenzene	10.079	112	758461	123.832	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	12151	2.427	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	309136	60.155	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	147711	30.417	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	14090	3.878	ug/L	94

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

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