Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039238.D
Acq On : 15 Dec 2023 19:07
Operator : JC/MD
Sample : 05844-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
YCHG2

Quant Time: Dec 16 01:52:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	214484	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	197160	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	92221	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	66947	39.795	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.600%			
7) Chloroethane-d5	1.666	69	52159	41.947	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.900%			
11) 1,1-Dichloroethene-d2	2.306	65	35762	48.427	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.860%			
21) 2-Butanone-d5	4.446	46	161450	106.021	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.020%			
24) Chloroform-d	5.056	84	153411	51.514	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.020%			
26) 1,2-Dichloroethane-d4	5.952	65	105834	54.874	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.740%			
32) Benzene-d6	5.977	84	301889	49.614	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.220%			
36) 1,2-Dichloropropane-d6	7.306	67	99954	51.044	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.080%			
41) Toluene-d8	8.647	98	272391	49.398	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.800%			
43) trans-1,3-Dichloroprop...	8.952	79	46883	47.048	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.100%			
47) 2-Hexanone-d5	9.384	63	115765	98.981	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.980%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	140977	50.750	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.500%			
66) 1,2-Dichlorobenzene-d4	12.317	152	93257	53.499	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	44677	25.355	ug/L	93
12) 1,1-Dichloroethene	2.319	96	90809	65.721	ug/L	90
13) Acetone	2.374	43	58980	40.317	ug/L	96
19) 1,1-Dichloroethane	3.611	63	37073	12.879	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	81524	48.279	ug/L	96
22) 2-Butanone	4.556	43	31724	17.670	ug/L	99
27) 1,2-Dichloroethane	6.098	62	9932	4.383	ug/L #	94
30) 1,1,1-Trichloroethane	5.379	97	12493	5.222	ug/L	96
34) Trichloroethene	7.123	95	8787	5.307	ug/L	96
37) 1,2-Dichloropropane	7.434	63	7441	4.282	ug/L	99

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

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