Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039236.D
Acq On : 15 Dec 2023 18:21
Operator : JC/MD
Sample : 05844-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
YCHG0

Quant Time: Dec 16 01:52:19 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	227902	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	210327	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	98488	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	67200	37.594	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.180%			
7) Chloroethane-d5	1.666	69	52651	39.849	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.700%			
11) 1,1-Dichloroethene-d2	2.307	65	34729	44.260	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.520%			
21) 2-Butanone-d5	4.452	46	152058	93.975	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.970%			
24) Chloroform-d	5.056	84	151019	47.725	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.440%			
26) 1,2-Dichloroethane-d4	5.952	65	106596	52.015	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.020%			
32) Benzene-d6	5.977	84	302955	46.672	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.340%			
36) 1,2-Dichloropropane-d6	7.306	67	98818	47.305	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.600%			
41) Toluene-d8	8.647	98	270242	45.940	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.880%			
43) trans-1,3-Dichloroprop...	8.952	79	46513	43.754	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.500%			
47) 2-Hexanone-d5	9.385	63	110627	88.667	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.670%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	142533	48.098	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.200%			
66) 1,2-Dichlorobenzene-d4	12.317	152	94356	50.685	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.380%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	99566	53.180	ug/L	98
12) 1,1-Dichloroethene	2.319	96	58417	39.789	ug/L	95
13) Acetone	2.374	43	97711	62.859	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	4593	0.853	ug/L #	92
19) 1,1-Dichloroethane	3.611	63	51037	16.686	ug/L	96
20) cis-1,2-Dichloroethene	4.483	96	4115	2.293	ug/L	90
22) 2-Butanone	4.556	43	53400	27.992	ug/L	99
27) 1,2-Dichloroethane	6.099	62	10829	4.497	ug/L #	88
30) 1,1,1-Trichloroethane	5.385	97	53768	21.069	ug/L	98

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

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