Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039291.D
Acq On : 16 Dec 2023 15:30
Operator : JC/MD
Sample : 05845-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 62 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
YCHE4

Quant Time: Dec 16 21:12:56 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	212669	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	196205	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	94926	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	69296	41.543	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.080%			
7) Chloroethane-d5	1.666	69	53181	43.133	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.260%			
11) 1,1-Dichloroethene-d2	2.306	65	35680	48.729	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.460%			
21) 2-Butanone-d5	4.452	46	151855	100.571	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.570%			
24) Chloroform-d	5.056	84	144617	48.975	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.960%			
26) 1,2-Dichloroethane-d4	5.952	65	98986	51.761	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.520%			
32) Benzene-d6	5.977	84	295111	48.736	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.480%			
36) 1,2-Dichloropropane-d6	7.306	67	94529	48.509	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.020%			
41) Toluene-d8	8.647	98	261848	47.717	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.440%			
43) trans-1,3-Dichloroprop...	8.952	79	43026	43.387	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.780%			
47) 2-Hexanone-d5	9.384	63	109319	93.925	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.920%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131162	47.446	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.900%			
66) 1,2-Dichlorobenzene-d4	12.317	152	88976	49.589	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.180%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	22335	12.784	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	3954	2.715	ug/L #	80
12) 1,1-Dichloroethene	2.319	96	166478	121.513	ug/L #	80
13) Acetone	2.373	43	91036	62.760	ug/L	96
19) 1,1-Dichloroethane	3.611	63	15276	5.352	ug/L	94
20) cis-1,2-Dichloroethene	4.489	96	17557	10.486	ug/L	95
22) 2-Butanone	4.556	43	64637	36.309	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	20039	8.418	ug/L	97
33) Benzene	6.037	78	5686	0.912	ug/L	100
34) Trichloroethene	7.123	95	12865	7.807	ug/L	85

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

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