Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039239.D
Acq On : 15 Dec 2023 19:30
Operator : JC/MD
Sample : 05844-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
YCHG3

Quant Time: Dec 16 01:52:44 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	220522	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	202199	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	94848	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	66896	38.676	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.360%			
7) Chloroethane-d5	1.666	69	52349	40.947	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.900%			
11) 1,1-Dichloroethene-d2	2.306	65	35279	46.465	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.940%			
21) 2-Butanone-d5	4.452	46	157955	100.886	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.890%			
24) Chloroform-d	5.056	84	151693	49.542	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.080%			
26) 1,2-Dichloroethane-d4	5.952	65	105537	53.222	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.440%			
32) Benzene-d6	5.976	84	302790	48.522	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.040%			
36) 1,2-Dichloropropane-d6	7.306	67	99449	49.520	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.040%			
41) Toluene-d8	8.647	98	271183	47.954	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.900%			
43) trans-1,3-Dichloroprop...	8.952	79	47111	46.098	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.200%			
47) 2-Hexanone-d5	9.384	63	113984	95.030	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.030%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	142421	49.992	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.980%			
66) 1,2-Dichlorobenzene-d4	12.317	152	94346	52.625	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.240%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	43879	24.221	ug/L	98
12) 1,1-Dichloroethene	2.319	96	97138	68.377	ug/L	88
13) Acetone	2.380	43	48812	32.453	ug/L	95
19) 1,1-Dichloroethane	3.611	63	38871	13.134	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	70956	40.870	ug/L	96
22) 2-Butanone	4.556	43	68772	37.256	ug/L	100
27) 1,2-Dichloroethane	6.092	62	8832	3.791	ug/L #	91
30) 1,1,1-Trichloroethane	5.379	97	18115	7.384	ug/L	97
34) Trichloroethene	7.129	95	12140	7.149	ug/L	95
37) 1,2-Dichloropropane	7.427	63	7031	3.945	ug/L	98

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

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