Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039237.D
Acq On : 15 Dec 2023 18:44
Operator : JC/MD
Sample : 05844-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
YCHG1

Quant Time: Dec 16 01:52:28 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	6.757	114	230366	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	208958	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	98028	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	66106	36.586	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.180%			
7) Chloroethane-d5	1.666	69	52979	39.669	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.340%			
11) 1,1-Dichloroethene-d2	2.306	65	35646	44.943	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.880%			
21) 2-Butanone-d5	4.446	46	158827	97.108	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.110%			
24) Chloroform-d	5.056	84	151614	47.401	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.800%			
26) 1,2-Dichloroethane-d4	5.958	65	104116	50.261	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.520%			
32) Benzene-d6	5.976	84	299756	46.482	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.960%			
36) 1,2-Dichloropropane-d6	7.305	67	99433	47.911	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.820%			
41) Toluene-d8	8.647	98	270708	46.321	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.640%			
43) trans-1,3-Dichloroprop...	8.951	79	46920	44.426	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.860%			
47) 2-Hexanone-d5	9.384	63	114332	92.236	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.240%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	141363	48.016	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.040%			
66) 1,2-Dichlorobenzene-d4	12.317	152	93445	50.432	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.860%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	63372	33.486	ug/L	97
12) 1,1-Dichloroethene	2.319	96	85261	57.452	ug/L	92
13) Acetone	2.373	43	48411	30.811	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	4316	0.793	ug/L	96
19) 1,1-Dichloroethane	3.611	63	49030	15.858	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	2654	1.463	ug/L	90
22) 2-Butanone	4.556	43	51718	26.820	ug/L	100
27) 1,2-Dichloroethane	6.086	62	9498	3.902	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	51365	20.260	ug/L	98

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

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