Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039241.D
Acq On : 15 Dec 2023 20:16
Operator : JC/MD
Sample : 05844-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
YCHG5

Quant Time: Dec 16 01:53:02 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	221859	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	202704	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	93532	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	64535	37.086	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.180%			
7) Chloroethane-d5	1.666	69	51716	40.208	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.420%			
11) 1,1-Dichloroethene-d2	2.306	65	32541	42.601	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.200%			
21) 2-Butanone-d5	4.446	46	155837	98.933	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.930%			
24) Chloroform-d	5.056	84	147333	47.828	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.660%			
26) 1,2-Dichloroethane-d4	5.952	65	103414	51.837	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.680%			
32) Benzene-d6	5.970	84	294624	47.096	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.200%			
36) 1,2-Dichloropropane-d6	7.311	67	96926	48.144	ug/L	0.01
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.280%			
41) Toluene-d8	8.647	98	263122	46.412	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.820%			
43) trans-1,3-Dichloroprop...	8.951	79	45521	44.432	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.860%			
47) 2-Hexanone-d5	9.384	63	112877	93.872	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.870%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	140451	49.178	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.360%			
66) 1,2-Dichlorobenzene-d4	12.323	152	91465	51.736	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.480%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	111056	60.932	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	6738	4.434	ug/L #	58
12) 1,1-Dichloroethene	2.318	96	1618339	1132.305	ug/L #	68
13) Acetone	2.373	43	77697	51.345	ug/L	96
19) 1,1-Dichloroethane	3.611	63	253180	85.028	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	44475	25.463	ug/L	95
22) 2-Butanone	4.556	43	29532	15.902	ug/L	97
27) 1,2-Dichloroethane	6.086	62	18221	7.773	ug/L #	88
30) 1,1,1-Trichloroethane	5.385	97	24515	9.968	ug/L	97
33) Benzene	6.043	78	29191	4.532	ug/L	100
34) Trichloroethene	7.122	95	43557	25.586	ug/L	98
46) Tetrachloroethene	9.275	164	3121	2.779	ug/L	90

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

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