Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081420\
Data File : VV018008.D
Acq On : 14 Aug 2020 19:46
Operator : SY/MD
Sample : L3665-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4L36

Quant Time: Aug 17 03:42:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 17 01:31:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	240758	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	236966	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	112814	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	99511	54.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.34%			
7) Chloroethane-d5	1.58	69	77414	51.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.02%			
11) 1,1-Dichloroethene-d2	2.12	63	140640	40.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.06%			
21) 2-Butanone-d5	3.92	46	136872	113.76	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 113.76%			
24) Chloroform-d	4.38	84	164347	49.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.30%			
26) 1,2-Dichloroethane-d4	5.06	65	115336	53.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.20%			
32) Benzene-d6	5.07	84	337536	51.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.36%			
36) 1,2-Dichloropropane-d6	6.09	67	108449	50.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.58%			
41) Toluene-d8	7.34	98	298742	50.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.74%			
43) trans-1,3-Dichloropropene-	7.64	79	48616	50.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.40%			
47) 2-Hexanone-d5	8.11	63	62397	91.07	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.07%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135797	48.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.68%			
64) 1,2-Dichlorobenzene-d4	11.65	152	121094	54.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.08%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	971854	454.290	ug/L	99
8) Chloroethane	1.60	64	7253	5.312	ug/L	98
12) 1,1-Dichloroethene	2.13	96	10037	6.215	ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	192293	115.831	ug/L	100
18) Methyl tert-butyl Ether	2.78	73	11340	2.065	ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	13439710	7366.968	ug/L	90
29) Cyclohexane	4.70	56	46800	16.364	ug/L	98
33) Benzene	5.13	78	49609	6.767	ug/L	100
34) Trichloroethene	5.94	95	207578	107.116	ug/L	98
35) Methylcyclohexane	6.15	83	21827	7.575	ug/L	90
46) Tetrachloroethene	8.00	164	1533	1.079	ug/L	91

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

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