Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100720\
Data File : VV018703.D
Acq On : 06 Oct 2020 21:11
Operator : SY/MD
Sample : L4287-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AK5

Manual Integrations APPROVED
MMDadoda
10/12/2020 1:29:03 PM

Quant Time: Oct 07 07:55:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 07 07:22:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	276276	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	282663	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137604	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	83093	51.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.56%			
7) Chloroethane-d5	1.58	69	72829	54.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.72%			
11) 1,1-Dichloroethene-d2	2.12	63	142937	43.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.60%			
21) 2-Butanone-d5	3.92	46	112115	92.76	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.76%			
24) Chloroform-d	4.38	84	161460	46.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.16%			
26) 1,2-Dichloroethane-d4	5.06	65	114307	51.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.78%			
32) Benzene-d6	5.08	84	311450	43.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.00%			
36) 1,2-Dichloropropane-d6	6.09	67	101028	46.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.40%			
41) Toluene-d8	7.34	98	313848	46.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.18%			
43) trans-1,3-Dichloropropene-	7.64	79	51129	43.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.50%			
47) 2-Hexanone-d5	8.11	63	74923	91.18	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.18%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	118218	41.22	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 82.44%			
64) 1,2-Dichlorobenzene-d4	11.65	152	117830	44.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.06%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	9703	4.591	ug/L #	81
12) 1,1-Dichloroethene	2.13	96	21516	12.476	ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	148701	75.351	ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	4741608m	2260.807	ug/L	
34) Trichloroethene	5.94	95	3531404	1464.789	ug/L	93
46) Tetrachloroethene	8.02	164	11869299	6068.512	ug/L	87
58) 1,1,2,2-Tetrachloroethane	10.26	83	8511	2.863	ug/L	88

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

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