Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081019\
Data File : VU033728.D
Acq On : 10 Aug 2019 19:43
Operator : JC/SP
Sample : K4289-02RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2B10RE

Quant Time: Aug 12 01:40:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Sun Aug 11 04:24:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	309594	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	299948	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	140856	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	36119	15.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 31.70%#			
7) Chloroethane-d5	1.67	69	45134	19.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 39.52%#			
11) 1,1-Dichloroethene-d2	2.26	63	56633	14.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 29.56%#			
21) 2-Butanone-d5	4.15	46	168354	119.16	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 119.16%			
24) Chloroform-d	4.62	84	131313	38.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.56%			
26) 1,2-Dichloroethane-d4	5.29	65	86430	40.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.64%			
32) Benzene-d6	5.32	84	211087	29.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 59.64%#			
36) 1,2-Dichloropropane-d6	6.31	67	83784	38.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 77.14%			
41) Toluene-d8	7.55	98	165140	24.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 49.60%#			
43) trans-1,3-Dichloropropene-	7.83	79	36953	33.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.38%			
47) 2-Hexanone-d5	8.29	63	121430	107.92	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.92%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	167489	52.12	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.24%			
64) 1,2-Dichlorobenzene-d4	11.84	152	101817	42.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.90%			
Target Compounds						Qvalue
5) Vinyl chloride	1.39	62	14139	5.425	ug/L	95
17) trans-1,2-Dichloroethene	2.96	96	21232	10.882	ug/L	96
20) cis-1,2-Dichloroethene	4.20	96	561002	252.069	ug/L	99
34) Trichloroethene	6.16	95	231720	105.207	ug/L	97
46) Tetrachloroethene	8.21	164	5673	3.125	ug/L	93

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

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