Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101719\
Data File : VU035253.D
Acq On : 18 Oct 2019 08:47
Operator : JC/SP
Sample : K5419-03MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G23MS

Quant Time: Oct 18 14:46:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 07:32:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	357996	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	347663	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	153113	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	103011	4.72	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.40%			
7) Chloroethane-d5	1.93	69	91473	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.60%			
11) 1,1-Dichloroethene-d2	2.60	63	182352	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.40%			
20) 2-Butanone-d5	4.71	46	257663	41.07	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.14%			
24) Chloroform-d	5.11	84	183500	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
26) 1,2-Dichloroethane-d4	5.75	65	102729	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
32) Benzene-d6	5.77	84	380805	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
36) 1,2-Dichloropropane-d6	6.74	67	120006	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.00%			
41) Toluene-d8	7.93	98	357715	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
43) trans-1,3-Dichloropropene-	8.21	79	53952	4.40	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.00%			
46) 2-Hexanone-d5	8.68	63	233582	43.23	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.46%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	99276	4.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	129936	4.66	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	14359	0.463	ug/L #	75
12) 1,1-Dichloroethene	2.61	96	75276	3.273	ug/L	98
13) Acetone	2.68	43	11113	2.547	ug/L	93
18) trans-1,2-Dichloroethene	3.39	96	6588	0.265	ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	14890	0.543	ug/L	95
30) Cyclohexane	5.43	56	3599	0.083	ug/L #	82
33) Benzene	5.82	78	384072	3.755	ug/L	100
34) Trichloroethene	6.58	95	98784	3.592	ug/L	97
42) Toluene	8.01	91	419444	3.714	ug/L	100
51) Chlorobenzene	9.48	112	284180	3.898	ug/L	99
52) Ethylbenzene	9.60	91	14565	0.113	ug/L	96

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

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