Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034779.D
Acq On : 24 Sep 2019 18:22
Operator : JC/SP
Sample : K4932-17RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDE8RE

Quant Time: Sep 25 05:53:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 25 02:59:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	632767	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	579663	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	266865	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	233372	36.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.06%			
7) Chloroethane-d5	1.67	69	208908	41.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.46%			
11) 1,1-Dichloroethene-d2	2.26	63	325413	29.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.32%#			
21) 2-Butanone-d5	4.18	46	13473	2.71	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery = 2.71%#			
24) Chloroform-d	4.65	84	16631	1.77	ug/L	0.03
Spiked Amount 50.000	Range 70 - 125		Recovery = 3.54%#			
26) 1,2-Dichloroethane-d4	5.28	65	290573	41.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.94%			
32) Benzene-d6	5.32	84	876700	48.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.60%			
36) 1,2-Dichloropropane-d6	6.31	67	309897	49.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.70%			
41) Toluene-d8	7.54	98	833321	48.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.50%			
43) trans-1,3-Dichloropropene-	7.83	79	134754	44.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.60%			
47) 2-Hexanone-d5	8.29	63	1103	0.35	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 0.35%#			
57) 1,1,2,2-Tetrachloroethane-	0.00	84	0d	0.00	ug/L	
Spiked Amount 50.000	Range 65 - 120		Recovery = 0.00%#			
64) 1,2-Dichlorobenzene-d4	11.84	152	284300	50.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	7659	1.073	ug/L #	40
13) Acetone	2.31	43	190031	32.905	ug/L	95
16) Methylene chloride	2.68	84	920292	175.489	ug/L	92
20) cis-1,2-Dichloroethene	4.21	96	20705	3.912	ug/L	64
22) 2-Butanone	4.23	43	295291	42.979	ug/L	86
25) Chloroform	4.65	83	394872	38.618	ug/L	98
34) Trichloroethene	6.16	95	233502	47.029	ug/L	95
40) 4-Methyl-2-pentanone	7.44	43	137401	12.022	ug/L #	95
42) Toluene	7.62	91	91456	4.209	ug/L	98
48) 2-Hexanone	8.34	43	390083	43.701	ug/L #	91
52) Ethylbenzene	9.23	91	28887	1.181	ug/L	100
53) m,p-Xylene	9.35	106	40862	4.715	ug/L	94
54) o-xylene	9.76	106	28448	3.319	ug/L	94

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

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