Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037868.D
Acq On : 24 Apr 2020 14:09
Operator : JC/MD
Sample : L2395-02 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D87

Quant Time: Apr 25 01:32:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 25 01:13:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	668872	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	531446	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	319034	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	201374	34.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 68.92%			
7) Chloroethane-d5	1.93	69	158950	35.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 70.18%			
11) 1,1-Dichloroethene-d2	2.59	63	381205	40.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.60%			
21) 2-Butanone-d5	4.66	46	314072	67.82	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 67.82%			
24) Chloroform-d	5.10	84	305916	34.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 68.74%#			
26) 1,2-Dichloroethane-d4	5.74	65	216494	35.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 70.24%			
32) Benzene-d6	5.76	84	656261	43.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.34%			
36) 1,2-Dichloropropane-d6	6.72	67	217466	43.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.52%			
41) Toluene-d8	7.92	98	598467	43.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.66%			
43) trans-1,3-Dichloropropene-	8.20	79	112237	43.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.76%			
47) 2-Hexanone-d5	8.66	63	233371	85.29	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.29%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	237333	33.93	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 67.86%			
64) 1,2-Dichlorobenzene-d4	12.21	152	221085	35.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 71.22%#			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.60	96	229679	56.560	ug/L	90
16) Methylene chloride	3.08	84	146585	30.379	ug/L	98
19) 1,1-Dichloroethane	3.91	63	18035	1.970	ug/L	100
20) cis-1,2-Dichloroethene	4.71	96	82187	16.532	ug/L	97
30) 1,1,1-Trichloroethane	5.36	97	606986	102.271	ug/L	100
34) Trichloroethene	6.57	95	4328079	1093.881	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	4595	1.196	ug/L	90
53) m,p-Xylene	9.71	106	21593	3.028	ug/L	98
54) o-xylene	10.12	106	17515	2.512	ug/L	98
70) 1,2,3-Trichlorobenzene	14.37	180	8583	1.231	ug/L	89

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

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