Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037881.D
Acq On : 24 Apr 2020 19:04
Operator : JC/MD
Sample : L2395-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 25 04:19:25 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

Instrument : MSVOA_U
ClientSampleId : C0DA0

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	619921	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	611790	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	210544	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	244151	45.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.14%			
7) Chloroethane-d5	1.93	69	197958	47.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.32%			
11) 1,1-Dichloroethene-d2	2.60	63	2174624	248.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 496.08%#			
21) 2-Butanone-d5	4.66	46	498595	116.17	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 116.17%			
24) Chloroform-d	5.10	84	384553	46.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.22%			
26) 1,2-Dichloroethane-d4	5.74	65	268330	46.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.94%			
32) Benzene-d6	5.76	84	824400	47.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.30%			
36) 1,2-Dichloropropane-d6	6.73	67	279295	48.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.54%			
41) Toluene-d8	7.92	98	761886	47.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.82%			
43) trans-1,3-Dichloropropene-	8.20	79	139556	46.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.72%			
47) 2-Hexanone-d5	8.65	63	378978	120.31	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 120.31%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	296200	36.79	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 73.58%			
64) 1,2-Dichlorobenzene-d4	12.20	152	278917	68.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 136.16%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	11315	1.840	ug/L #	35
12) 1,1-Dichloroethene	2.60	96	3184063	846.012	ug/L #	71
13) Acetone	2.66	43	11219	4.381	ug/L	100
16) Methylene chloride	3.08	84	1156457	258.591	ug/L	98
17) trans-1,2-Dichloroethene	3.39	96	4746	1.128	ug/L	99
19) 1,1-Dichloroethane	3.91	63	140410	16.552	ug/L	100
20) cis-1,2-Dichloroethene	4.71	96	1182403	256.624	ug/L	100
27) 1,2-Dichloroethane	5.83	62	14439	2.124	ug/L	97
30) 1,1,1-Trichloroethane	5.36	97	5238005	766.647	ug/L	99
34) Trichloroethene	6.57	95	30174643m	6624.815	ug/L	
42) Toluene	7.99	91	47363	2.433	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	55603	12.568	ug/L	97
46) Tetrachloroethene	8.57	164	6561	1.971	ug/L	96
52) Ethylbenzene	9.59	91	53260	2.443	ug/L	99
54) o-xylene	10.11	106	86809	10.813	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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