Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031720\

Quantitation Report (QT Reviewed)

Data File : VV015001.D
Acq On : 18 Mar 2020 02:47
Operator : SY/MD
Sample : L1890-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Mar 18 08:30:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 07:43:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	309839	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	304122	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145176	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	67463	32.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 65.36%			
7) Chloroethane-d5	1.58	69	60414	39.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 78.82%			
11) 1,1-Dichloroethene-d2	2.12	63	92079	29.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.14%#			
21) 2-Butanone-d5	3.94	46	101140m	80.36	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 80.36%			
24) Chloroform-d	4.38	84	191902	44.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.24%			
26) 1,2-Dichloroethane-d4	5.06	65	127496	46.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.58%			
32) Benzene-d6	5.08	84	377103	45.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.02%			
36) 1,2-Dichloropropane-d6	6.09	67	114728	45.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.98%			
41) Toluene-d8	7.34	98	362707	43.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.54%			
43) trans-1,3-Dichloropropene-	7.64	79	51828	39.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.14%			
47) 2-Hexanone-d5	8.12	63	105936	94.07	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.07%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	170165	46.59	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.18%			
64) 1,2-Dichlorobenzene-d4	11.65	152	158091	49.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.42%			

Target Compounds						Qvalue
63) 1,4-Dichlorobenzene	11.30	146	4787	0.993	ug/L	94
65) 1,2-Dichlorobenzene	11.67	146	3610	0.755	ug/L #	88
68) 1,2,4-trichlorobenzene	13.29	180	3885	1.162	ug/L	96

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

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