Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\

Quantitation Report (QT Reviewed)

Data File : VU037064.D
Acq On : 05 Mar 2020 02:02
Operator : JC/MD
Sample : L1780-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Mar 05 04:19:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	299019	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.48	117	181478	50.00	ug/L	0.05
60) 1,4-Dichlorobenzene-d4	11.87	152	142409	50.00	ug/L	0.04
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	90978	36.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.46%			
7) Chloroethane-d5	1.92	69	88786	42.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.46%			
11) 1,1-Dichloroethene-d2	2.58	63	124596	29.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.26%#			
21) 2-Butanone-d5	4.67	46	161962	96.16	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.16%			
24) Chloroform-d	5.11	84	211842	55.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.50%			
26) 1,2-Dichloroethane-d4	5.75	65	47063	18.14	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 36.28%#			
32) Benzene-d6	5.83	84	356343	67.90	ug/L	0.07
Spiked Amount 50.000	Range 70 - 125		Recovery = 135.80%#			
36) 1,2-Dichloropropane-d6	6.73	67	135656	79.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 159.58%#			
41) Toluene-d8	7.93	98	363788	74.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 149.44%#			
43) trans-1,3-Dichloropropene-	8.21	79	55748	70.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 141.10%#			
47) 2-Hexanone-d5	8.68	63	124763	150.07	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 150.07%#			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	183064	76.37	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 152.74%#			
64) 1,2-Dichlorobenzene-d4	12.24	152	141500	50.83	ug/L	0.04
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.66%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	2960	1.014	ug/L	99
13) Acetone	2.66	43	5855	3.379	ug/L	98
14) Carbon disulfide	2.82	76	40295	6.594	ug/L	98
16) Methylene chloride	3.07	84	9353	3.970	ug/L	97
25) Chloroform	5.13	83	893403	229.676	ug/L	99
29) Cyclohexane	5.43	56	50651	21.032	ug/L	99
33) Benzene	5.80	78	84935513m	14814.756	ug/L	
34) Trichloroethene	6.58	95	14046	9.968	ug/L	99
35) Methylcyclohexane	6.80	83	16706	6.838	ug/L #	70
42) Toluene	8.00	91	35557	5.821	ug/L	95
46) Tetrachloroethene	8.58	164	9458	10.189	ug/L	88
51) Chlorobenzene	9.47	112	71716560m	19815.929	ug/L	
62) 1,3-Dichlorobenzene	11.78	146	4234187	916.543	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	41305021m	9049.724	ug/L	
65) 1,2-Dichlorobenzene	12.24	146	33851845m	7338.896	ug/L	
68) 1,2,4-trichlorobenzene	13.88	180	3970083	1807.088	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	217862	99.235	ug/L	99

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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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