Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072120\
Data File : VV017573.D
Acq On : 21 Jul 2020 18:55
Operator : SY/MD
Sample : L3336-07DL 200X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : PMW-5DL

Quant Time: Jul 22 05:02:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 22 03:23:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	324600	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	310179	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157224	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	67468	34.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 68.12%			
7) Chloroethane-d5	1.58	69	51380	37.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.48%			
11) 1,1-Dichloroethene-d2	2.12	63	110617	27.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 55.50%#			
21) 2-Butanone-d5	3.91	46	132090	87.17	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.17%			
24) Chloroform-d	4.38	84	182282	40.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.12%			
26) 1,2-Dichloroethane-d4	5.05	65	129888	41.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.34%			
32) Benzene-d6	5.07	84	335990	40.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.14%			
36) 1,2-Dichloropropane-d6	6.09	67	105753	42.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 85.06%			
41) Toluene-d8	7.34	98	311712	39.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.74%#			
43) trans-1,3-Dichloropropene-	7.64	79	50511	35.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.18%			
47) 2-Hexanone-d5	8.11	63	100618	88.27	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.27%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	150837	42.64	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.28%			
64) 1,2-Dichlorobenzene-d4	11.65	152	141410	43.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.74%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	2650	1.085	ug/L #	53
20) cis-1,2-Dichloroethene	3.94	96	37751	15.163	ug/L	100
34) Trichloroethene	5.94	95	46291	18.434	ug/L	99
42) Toluene	7.41	91	725211	72.380	ug/L	99
46) Tetrachloroethene	8.00	164	95369	44.665	ug/L	98
51) Chlorobenzene	8.90	112	12455	1.873	ug/L	95
52) Ethylbenzene	9.04	91	18174	1.621	ug/L	94
53) m,p-Xylene	9.16	106	24323	5.661	ug/L	98
54) o-xylene	9.57	106	9214	2.208	ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	10802	2.046	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	49356	9.160	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	17391	3.249	ug/L	93
68) 1,2,4-trichlorobenzene	13.28	180	239827	64.881	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	50150	13.564	ug/L	98

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

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