Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
Data File : VV017957.D
Acq On : 13 Aug 2020 04:03
Operator : SY/MD
Sample : L3644-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2L98

Manual Integrations APPROVED
MMDadoda
8/13/2020 1:39:00 PM

Quant Time: Aug 13 07:12:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 13 05:58:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	249587	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	239477	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	112432	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	76959	40.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.82%			
7) Chloroethane-d5	1.58	69	69797	44.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.60%			
11) 1,1-Dichloroethene-d2	2.12	63	113060	31.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.08%			
21) 2-Butanone-d5	3.91	46	150585	120.73	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 120.73%			
24) Chloroform-d	4.38	84	157276	45.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.74%			
26) 1,2-Dichloroethane-d4	5.06	65	110225	48.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.90%			
32) Benzene-d6	5.07	84	309941	46.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.92%			
36) 1,2-Dichloropropane-d6	6.09	67	106407	49.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.64%			
41) Toluene-d8	7.34	98	277422	46.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.48%			
43) trans-1,3-Dichloropropene-	7.64	79	15035	15.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 30.72%#			
47) 2-Hexanone-d5	8.11	63	95891	138.49	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 138.49%#			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	146002	51.96	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.92%			
64) 1,2-Dichlorobenzene-d4	11.65	152	104078	47.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.08%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	11907m	5.369	ug/L	
13) Acetone	2.19	43	2394139	1858.419	ug/L	93
14) Carbon disulfide	2.31	76	18055	3.918	ug/L	100
15) Methyl Acetate	2.45	43	335890	161.564	ug/L #	90
17) trans-1,2-Dichloroethene	2.78	96	1202	0.698	ug/L	90
20) cis-1,2-Dichloroethene	3.94	96	17507	9.257	ug/L	96
22) 2-Butanone	3.99	43	160196	110.845	ug/L	98
33) Benzene	5.13	78	21457	2.896	ug/L	100
34) Trichloroethene	5.94	95	7602	3.882	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	177809	67.318	ug/L	99
42) Toluene	7.41	91	15254	1.973	ug/L	100
46) Tetrachloroethene	8.00	164	3452	2.403	ug/L	96

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

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