Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121120\
Data File : VY003730.D
Acq On : 11 Dec 2020 16:27
Operator : SY/MD
Sample : L5063-01
Misc : 4.47G/10ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : C0AD5

Manual Integrations APPROVED
MMDadoda
12/14/2020 9:13:21 AM

Quant Time: Dec 12 03:59:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 11 10:03:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	194125	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	128416	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	31464	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	59018	21.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.00%			
7) Chloroethane-d5	2.77	69	53275	25.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.88%			
10) 1,1-Dichloroethene-d2	3.86	63	91209	17.65	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.60%			
20) 2-Butanone-d5	6.89	46	52705	53.85	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.70%			
24) Chloroform-d	7.49	84	134506	26.93	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.72%			
26) 1,2-Dichloroethane-d4	8.15	65	77924	27.72	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.88%			
29) Benzene-d6	8.12	84	271325	36.49	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 145.96%#			
33) 1,2-Dichloropropane-d6	9.12	67	81766	37.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 148.68%#			
37) Toluene-d8	10.18	98	187533	28.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 112.56%			
38) trans-1,3-Dichloropropene-	10.44	79	35887	34.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 136.52%#			
39) 2-Hexanone-d5	10.79	63	41707	75.67	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 151.34%#			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	56465	28.81	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 115.24%			
61) 1,2-Dichlorobenzene-d4	13.72	152	29252	25.59	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.36%			

Target Compounds						Qvalue
13) Acetone	3.96	43	2538m	3.538	ug/L	
14) Carbon disulfide	4.21	76	1954	0.252	ug/L	97
16) Methylene chloride	4.72	84	4236	1.243	ug/L	91
44) Toluene	10.25	91	12170	1.571	ug/L	99
53) Ethylbenzene	11.59	91	1863	0.220	ug/L	93
54) m,p-Xylene	11.70	106	2865	0.878	ug/L	82
55) o-xylene	12.03	106	3530	1.128	ug/L	78
57) Isopropylbenzene	12.33	105	4491	0.549	ug/L #	83

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

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