Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120920\
Data File : VY003707.D
Acq On : 09 Dec 2020 17:42
Operator : SY/MD
Sample : L4979-10
Misc : 7.09G/10ML/MSVOA Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : GB1G0

Manual Integrations APPROVED
MMDadoda
12/11/2020 12:25:30 PM

Quant Time: Dec 10 04:04:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 10 02:27:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	111166	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	59440	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	12459	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	41490	26.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.56%			
7) Chloroethane-d5	2.77	69	35828	30.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 120.84%			
10) 1,1-Dichloroethene-d2	3.86	63	59142	19.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.96%			
20) 2-Butanone-d5	6.90	46	44525	79.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 158.90%#			
24) Chloroform-d	7.49	84	79620	27.83	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 111.32%			
26) 1,2-Dichloroethane-d4	8.15	65	50365	31.29	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 125.16%			
29) Benzene-d6	8.12	84	154693	44.95	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 179.80%#			
33) 1,2-Dichloropropane-d6	9.12	67	45282	44.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 177.88%#			
37) Toluene-d8	10.18	98	90699	29.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 117.60%			
38) trans-1,3-Dichloropropene-	10.44	79	16145	33.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 132.68%			
39) 2-Hexanone-d5	10.79	63	27257	106.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 213.68%#			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	22729	25.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.20%			
61) 1,2-Dichlorobenzene-d4	13.72	152	10246	22.63	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.52%			
Target Compounds						Qvalue
13) Acetone	3.96	43	16165	39.347	ug/L	74
16) Methylene chloride	4.74	84	4001	2.050	ug/L #	71
21) 2-Butanone	7.01	43	3326m	4.585	ug/L	
34) Benzene	8.17	78	3364	0.989	ug/L	100
36) Methylcyclohexane	9.19	83	1307m	0.914	ug/L	
44) Toluene	10.25	91	10899	3.039	ug/L	91
53) Ethylbenzene	11.59	91	7695	1.966	ug/L	90
54) m,p-Xylene	11.71	106	866m	0.573	ug/L	
55) o-xylene	12.03	106	285	0.197	ug/L	85

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

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