Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120920\
Data File : VY003695.D
Acq On : 09 Dec 2020 13:09
Operator : SY/MD
Sample : L4979-07MS
Misc : 5.77G/10ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : GB1F8

Manual Integrations APPROVED
MMDadoda
12/11/2020 12:25:20 PM

Quant Time: Dec 10 03:09:13 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	167365	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	106118	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	19373	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	50788	21.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.84%			
7) Chloroethane-d5	2.77	69	41790	23.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.60%			
10) 1,1-Dichloroethene-d2	3.87	63	104614	23.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 93.96%			
20) 2-Butanone-d5	6.90	46	32493	38.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.02%			
24) Chloroform-d	7.49	84	99103	23.01	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.04%			
26) 1,2-Dichloroethane-d4	8.15	65	52321	21.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.36%			
29) Benzene-d6	8.12	84	209578	34.11	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 136.44%#			
33) 1,2-Dichloropropane-d6	9.13	67	59054	32.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 129.92%#			
37) Toluene-d8	10.18	98	159781	29.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 116.04%			
38) trans-1,3-Dichloropropene-	10.44	79	23158	26.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 106.60%			
39) 2-Hexanone-d5	10.79	63	21506	47.22	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.44%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	25759	15.90	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 63.60%			
61) 1,2-Dichlorobenzene-d4	13.73	152	14957	21.25	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.00%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.89	96	55244	27.582	ug/L	91
13) Acetone	3.96	43	14360	23.217	ug/L	99
14) Carbon disulfide	4.21	76	3189	0.478	ug/L #	93
16) Methylene chloride	4.73	84	6359m	2.164	ug/L	
21) 2-Butanone	7.00	43	2714	2.485	ug/L	77
34) Benzene	8.17	78	222076	36.583	ug/L	100
35) Trichloroethene	8.95	95	49736	29.842	ug/L	98
36) Methylcyclohexane	9.19	83	1643	0.643	ug/L #	82
44) Toluene	10.25	91	212204	33.138	ug/L	100
52) Chlorobenzene	11.52	112	94963	22.534	ug/L	97
53) Ethylbenzene	11.59	91	14452	2.068	ug/L	99
54) m,p-Xylene	11.70	106	1589	0.589	ug/L	68
55) o-xylene	12.03	106	863	0.334	ug/L	83

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

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