Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120820\
Data File : VY003682.D
Acq On : 08 Dec 2020 17:52
Operator : SY/MD
Sample : L4979-07MS
Misc : 5.66G/10ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : GB1F8MS

Quant Time: Dec 09 02:48:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 09 01:58:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	174188	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	110490	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	21885	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	69205	28.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.40%			
7) Chloroethane-d5	2.77	69	53971	29.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.16%			
10) 1,1-Dichloroethene-d2	3.86	63	122586	26.44	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 105.76%			
20) 2-Butanone-d5	6.90	46	39136	44.57	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.14%			
24) Chloroform-d	7.49	84	112202	25.03	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.12%			
26) 1,2-Dichloroethane-d4	8.15	65	60046	23.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.24%			
29) Benzene-d6	8.12	84	242287	37.88	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 151.52%#			
33) 1,2-Dichloropropane-d6	9.12	67	68417	36.14	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 144.56%#			
37) Toluene-d8	10.18	98	180651	31.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 126.00%			
38) trans-1,3-Dichloropropene-	10.44	79	26423	29.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 116.84%			
39) 2-Hexanone-d5	10.79	63	26199	55.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.48%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	32616	19.34	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 77.36%			
61) 1,2-Dichlorobenzene-d4	13.72	152	18372	23.10	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.40%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.89	96	56655	27.178	ug/L	96
13) Acetone	3.96	43	17795	27.643	ug/L	97
14) Carbon disulfide	4.20	76	2935	0.422	ug/L	99
16) Methylene chloride	4.72	84	6661	2.178	ug/L	85
21) 2-Butanone	7.00	43	3202	2.817	ug/L	94
30) Cyclohexane	7.80	56	1372	0.576	ug/L #	87
34) Benzene	8.17	78	230974	36.543	ug/L	100
35) Trichloroethene	8.94	95	50765	29.254	ug/L	99
36) Methylcyclohexane	9.19	83	2047	0.770	ug/L #	88
44) Toluene	10.25	91	222075	33.308	ug/L	99
52) Chlorobenzene	11.51	112	101352	23.099	ug/L	98
53) Ethylbenzene	11.59	91	16532	2.272	ug/L	100
54) m,p-Xylene	11.70	106	1884	0.671	ug/L #	59
55) o-xylene	12.03	106	752	0.279	ug/L	77

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

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