Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY123020\
Data File : VY003863.D
Acq On : 30 Dec 2020 13:19
Operator : SY/MD
Sample : VY1230SBL01
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Dec 31 03:36:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM122920SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 31 03:17:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	322499	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	305696	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	166463	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	106921	19.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.40%			
7) Chloroethane-d5	2.77	69	94763	21.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.80%			
11) 1,1-Dichloroethene-d2	3.86	63	141683	15.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 60.20%			
21) 2-Butanone-d5	6.89	46	110224	53.12	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.24%			
24) Chloroform-d	7.48	84	205946	23.12	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.48%			
26) 1,2-Dichloroethane-d4	8.14	65	135185	23.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.32%			
32) Benzene-d6	8.11	84	380735	22.40	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.60%			
36) 1,2-Dichloropropane-d6	9.12	67	122746	24.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.92%			
41) Toluene-d8	10.18	98	350235	21.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.08%			
43) trans-1,3-Dichloropropene-	10.43	79	64429	22.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.12%			
47) 2-Hexanone-d5	10.79	63	79989	51.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.90%			
56) 1,1,2,2-Tetrachloroethane-	12.56	84	125934	25.55	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.20%			
66) 1,2-Dichlorobenzene-d4	13.72	152	146956	24.16	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.64%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	3.12	101	3758	0.438	ug/L #	57
16) Methylene chloride	4.72	84	11112	2.148	ug/L	97
30) 1,1,1-Trichloroethane	7.71	97	2637	0.320	ug/L	96
31) Carbon tetrachloride	7.90	117	2513	0.330	ug/L	97
52) Ethylbenzene	11.59	91	8351	0.361	ug/L	92
53) m,p-Xylene	11.70	106	3128	0.356	ug/L	95
55) Styrene	12.04	104	4686	0.317	ug/L	93
60) Isopropylbenzene	12.32	105	8310	0.378	ug/L	95
62) 1,3,5-Trimethylbenzene	12.81	105	6995	0.383	ug/L	96
63) 1,2,4-Trimethylbenzene	13.12	105	6977	0.377	ug/L	98
64) 1,3-Dichlorobenzene	13.37	146	4538	0.426	ug/L	93
65) 1,4-Dichlorobenzene	13.45	146	5160	0.478	ug/L	84
67) 1,2-Dichlorobenzene	13.74	146	4827	0.484	ug/L	92

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

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