Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120720\
Data File : VY003675.D
Acq On : 07 Dec 2020 17:32
Operator : SY/MD
Sample : L4958-07
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : X2S41

Quant Time: Dec 08 11:20:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM120720SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 08 01:17:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	238951	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	220396	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.43	152	116568	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	50909	20.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.80%			
7) Chloroethane-d5	2.77	69	44924	22.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.04%			
11) 1,1-Dichloroethene-d2	3.86	63	118105	22.58	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.32%			
21) 2-Butanone-d5	6.90	46	60355	50.00	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.00%			
24) Chloroform-d	7.49	84	122411	23.01	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.04%			
26) 1,2-Dichloroethane-d4	8.15	65	69671	23.66	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.64%			
32) Benzene-d6	8.12	84	264987	24.28	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.12%			
36) 1,2-Dichloropropane-d6	9.12	67	81043	24.43	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.72%			
41) Toluene-d8	10.18	98	235383	23.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.88%			
43) trans-1,3-Dichloropropene-	10.44	79	39492	24.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.32%			
47) 2-Hexanone-d5	10.79	63	49778	53.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.08%			
56) 1,1,2,2-Tetrachloroethane-	12.56	84	73997	24.16	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.64%			
66) 1,2-Dichlorobenzene-d4	13.72	152	92429	24.40	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.60%			
Target Compounds						Qvalue
3) Chloromethane	2.12	50	71320	24.862	ug/L	100
6) Bromomethane	2.66	94	19081	10.258	ug/L	89
9) Trichlorofluoromethane	3.14	101	79239	17.480	ug/L	99
12) 1,1-Dichloroethene	3.89	96	68565	24.112	ug/L	97
13) Acetone	3.96	43	45873	55.431	ug/L #	53
15) Methyl Acetate	4.49	43	83668	39.910	ug/L #	82
16) Methylene chloride	4.73	84	45316	10.847	ug/L	98
17) trans-1,2-Dichloroethene	5.23	96	36486	11.503	ug/L	99
18) Methyl tert-butyl Ether	5.23	73	263140	32.866	ug/L #	93
20) cis-1,2-Dichloroethene	7.00	96	94840	27.907	ug/L	83
23) Bromochloromethane	7.34	128	26263	15.530	ug/L	91
27) 1,2-Dichloroethane	8.25	62	38260	10.598	ug/L	100
29) Cyclohexane	7.79	56	56813	12.090	ug/L	95
30) 1,1,1-Trichloroethane	7.71	97	51962	11.330	ug/L	99
31) Carbon tetrachloride	7.90	117	58483	14.083	ug/L	93
34) Trichloroethene	8.94	95	139691	41.647	ug/L	96
35) Methylcyclohexane	9.18	83	158593	30.018	ug/L	98

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM120720SMA.M
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QLast Update : Tue Dec 08 01:17:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,2-Dichloropropane	9.22	63	43926	14.104 ug/L	98
38) Bromodichloromethane	9.50	83	86649	21.747 ug/L #	86
39) cis-1,3-Dichloropropene	9.93	75	91086	18.542 ug/L	92
42) Toluene	10.25	91	303139	22.832 ug/L	100
44) trans-1,3-Dichloropropene	10.46	75	38886	8.500 ug/L	93
46) Tetrachloroethene	10.72	164	120485	44.708 ug/L	95
48) 2-Hexanone	10.83	43	58464	29.737 ug/L	98
49) Dibromochloromethane	10.98	129	67164	21.435 ug/L	92
52) Ethylbenzene	11.59	91	240913	16.820 ug/L	98
53) m,p-Xylene	11.71	106	62606	11.178 ug/L	99
54) o-Xylene	12.03	106	73858	13.799 ug/L	97
60) Isopropylbenzene	12.33	105	195322	13.778 ug/L	99
64) 1,3-Dichlorobenzene	13.37	146	148039	21.544 ug/L	96
67) 1,2-Dichlorobenzene	13.74	146	70689	11.061 ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.35	75	11789	20.637 ug/L	86

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

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