Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011620\

Quantitation Report (QT/LSC Reviewed)

Data File : VY001258.D
Acq On : 16 Jan 2020 11:56
Operator : SY/MD
Sample : VIBLK77
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK77

Quant Time: Jan 17 03:21:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM011620SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 17 03:10:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	327138	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.49	117	300611	25.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	141828	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.24	65	112678	25.07	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.28%				
7) Chloroethane-d5	2.76	69	102034	26.07	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.28%				
11) 1,1-Dichloroethene-d2	3.85	63	154678	19.50	ug/L		0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.00%				
21) 2-Butanone-d5	6.89	46	109647	55.39	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.78%				
24) Chloroform-d	7.49	84	195535	26.62	ug/L		0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.48%				
26) 1,2-Dichloroethane-d4	8.15	65	117957	27.51	ug/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.04%				
32) Benzene-d6	8.11	84	442571	27.54	ug/L		0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.16%				
36) 1,2-Dichloropropane-d6	9.13	67	137883	27.87	ug/L		0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 111.48%				
41) Toluene-d8	10.18	98	403231	27.26	ug/L		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 109.04%				
43) trans-1,3-Dichloropropene-	10.44	79	66387	26.59	ug/L		0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 106.36%				
47) 2-Hexanone-d5	10.78	63	93585	54.66	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.32%				
56) 1,1,2,2-Tetrachloroethane-	12.56	84	140445	26.16	ug/L		0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.64%				
66) 1,2-Dichlorobenzene-d4	13.72	152	141492	27.77	ug/L		0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 111.08%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.90	85	1937	0.379	ug/L		95
13) Acetone	3.96	43	7785	3.408	ug/L		98
16) Methylene chloride	4.72	84	7509	1.374	ug/L		89
30) 1,1,1-Trichloroethane	7.71	97	1948	0.289	ug/L	#	86
40) 4-Methyl-2-pentanone	10.07	43	5332	1.017	ug/L		97
52) Ethylbenzene	11.59	91	7950	0.342	ug/L		91
53) m,p-Xylene	11.70	106	3552	0.393	ug/L		97
55) Styrene	12.04	104	5636	0.372	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.58	83	2925	0.502	ug/L	#	95
60) Isopropylbenzene	12.33	105	7768	0.344	ug/L	#	81
61) 1,2,3-Trichloropropane	12.63	75	1796	0.407	ug/L	#	89
62) 1,3,5-Trimethylbenzene	12.81	105	8746	0.468	ug/L	#	60
63) 1,2,4-Trimethylbenzene	13.11	105	9340	0.505	ug/L		92
64) 1,3-Dichlorobenzene	13.36	146	5117	0.511	ug/L		97
65) 1,4-Dichlorobenzene	13.44	146	5808	0.577	ug/L		100
67) 1,2-Dichlorobenzene	13.73	146	5427	0.585	ug/L	#	93
70) 1,2,4-trichlorobenzene	15.00	180	6481	1.033	ug/L		98

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Quant Title : VOC Analysis
QLast Update : Fri Jan 17 03:10:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 1,2,3-Trichlorobenzene	15.42	180	7435	1.270	ug/L	98

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

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