Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120120\
Data File : VY003637.D
Acq On : 01 Dec 2020 16:43
Operator : SY/MD
Sample : MDL02
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MDL02

Manual Integrations APPROVED
MMDadoda
12/2/2020 1:29:15 PM

Quant Time: Dec 02 02:33:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM120120SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 02 02:29:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	233671	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	214785	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	106830	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	70485	23.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.36%			
7) Chloroethane-d5	2.77	69	57007	24.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.28%			
11) 1,1-Dichloroethene-d2	3.86	63	113505	18.68	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.72%			
21) 2-Butanone-d5	6.89	46	70414	53.72	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.44%			
24) Chloroform-d	7.48	84	142196	23.99	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.96%			
26) 1,2-Dichloroethane-d4	8.15	65	80516	25.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.36%			
32) Benzene-d6	8.12	84	306304	25.09	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.36%			
36) 1,2-Dichloropropane-d6	9.12	67	92904	24.99	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.96%			
41) Toluene-d8	10.18	98	272069	24.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.80%			
43) trans-1,3-Dichloropropene-	10.43	79	43092	24.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.04%			
47) 2-Hexanone-d5	10.79	63	53521	53.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.76%			
56) 1,1,2,2-Tetrachloroethane-	12.56	84	93744	24.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.76%			
66) 1,2-Dichlorobenzene-d4	13.72	152	97032	25.59	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.36%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	3651	1.346	ug/L	95
3) Chloromethane	2.12	50	3703	1.259	ug/L	99
5) Vinyl chloride	2.25	62	4348	1.378	ug/L #	66
6) Bromomethane	2.66	94	2549	1.290	ug/L	82
8) Chloroethane	2.80	64	2528	1.283	ug/L	93
9) Trichlorofluoromethane	3.13	101	6387	1.334	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	3.90	101	3972	1.242	ug/L #	90
12) 1,1-Dichloroethene	3.88	96	4767	1.569	ug/L #	1
13) Acetone	3.95	43	3335m	3.550	ug/L	
14) Carbon disulfide	4.20	76	11953	1.191	ug/L	96
15) Methyl Acetate	4.49	43	2550	1.127	ug/L #	79
16) Methylene chloride	4.72	84	15174	3.847	ug/L	95
17) trans-1,2-Dichloroethene	5.23	96	3988	1.195	ug/L	84
18) Methyl tert-butyl Ether	5.24	73	9306	1.141	ug/L #	65
19) 1,1-Dichloroethane	6.03	63	6816	1.214	ug/L	97
20) cis-1,2-Dichloroethene	6.99	96	4402	1.258	ug/L #	54
22) 2-Butanone	7.00	43	6497	4.114	ug/L #	68

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120120\
Data File : VY003637.D
Acq On : 01 Dec 2020 16:43
Operator : SY/MD
Sample : MDL02
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MDL02

Manual Integrations APPROVED
MMDadoda
12/2/2020 1:29:15 PM

Quant Time: Dec 02 02:33:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM120120SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 02 02:29:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.34	128	2137	1.253	ug/L		86
25) Chloroform	7.51	83	7658	1.361	ug/L		90
27) 1,2-Dichloroethane	8.25	62	4826	1.303	ug/L		97
29) Cyclohexane	7.80	56	5955	1.168	ug/L	#	21
30) 1,1,1-Trichloroethane	7.72	97	6529	1.333	ug/L		98
31) Carbon tetrachloride	7.90	117	5701	1.290	ug/L		98
33) Benzene	8.17	78	17000	1.295	ug/L		100
34) Trichloroethene	8.94	95	3944	1.204	ug/L		93
35) Methylcyclohexane	9.19	83	6484	1.157	ug/L		97
37) 1,2-Dichloropropane	9.22	63	4228	1.269	ug/L	#	90
38) Bromodichloromethane	9.50	83	5057	1.206	ug/L	#	97
39) cis-1,3-Dichloropropene	9.92	75	6075	1.180	ug/L		100
40) 4-Methyl-2-pentanone	10.07	43	8235	2.815	ug/L		98
42) Toluene	10.25	91	17564	1.274	ug/L		99
44) trans-1,3-Dichloropropene	10.47	75	7598	1.599	ug/L		95
45) 1,1,2-Trichloroethane	10.65	97	3419	1.222	ug/L		97
46) Tetrachloroethene	10.72	164	3693	1.317	ug/L		92
48) 2-Hexanone	10.83	43	5017	2.349	ug/L		99
49) Dibromochloromethane	10.98	129	3742	1.157	ug/L		95
50) 1,2-Dibromoethane	11.09	107	3283	1.213	ug/L	#	99
51) Chlorobenzene	11.51	112	11379	1.281	ug/L		95
52) Ethylbenzene	11.59	91	17519	1.187	ug/L		99
53) m,p-Xylene	11.70	106	7201	1.248	ug/L		89
54) o-Xylene	12.03	106	6108	1.121	ug/L		94
55) Styrene	12.04	104	9960	1.068	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.58	83	4950	1.335	ug/L	#	97
59) Bromoform	12.21	173	2517	1.200	ug/L		96
60) Isopropylbenzene	12.33	105	14875	1.089	ug/L		95
61) 1,2,3-Trichloropropane	12.63	75	3345	1.309	ug/L		93
62) 1,3,5-Trimethylbenzene	12.81	105	11896	1.098	ug/L		95
63) 1,2,4-Trimethylbenzene	13.12	105	11233	1.050	ug/L		100
64) 1,3-Dichlorobenzene	13.37	146	8102	1.226	ug/L		96
65) 1,4-Dichlorobenzene	13.44	146	9179	1.367	ug/L		93
67) 1,2-Dichlorobenzene	13.74	146	7987	1.287	ug/L	#	92
68) 1,2-Dibromo-3-chloropropan	14.35	75	823m	1.388	ug/L		
69) 1,3,5-Trichlorobenzene	14.50	180	5503	1.185	ug/L		96
70) 1,2,4-trichlorobenzene	15.01	180	4894	1.238	ug/L		99
71) Naphthalene	15.23	128	9147	1.060	ug/L		98
72) 1,2,3-Trichlorobenzene	15.42	180	4293	1.182	ug/L		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120120\
Data File : VY003637.D
Acq On : 01 Dec 2020 16:43
Operator : SY/MD
Sample : MDL02
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 02 02:33:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM120120SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 02 02:29:19 2020
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
MDL02

Manual Integrations APPROVED
MMDadoda
12/2/2020 1:29:15 PM