Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122920\
Data File : VY003857.D
Acq On : 29 Dec 2020 17:29
Operator : SY/MD
Sample : L4485-03
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03

Manual Integrations APPROVED
MMDadoda
12/30/2020 6:36:29 PM

Quant Time: Dec 30 07:37:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM122920SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 30 07:32:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	328242	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.48	117	303596	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	165575	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.24	65	119678	21.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.20%			
7) Chloroethane-d5	2.76	69	101926	23.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.80%			
11) 1,1-Dichloroethene-d2	3.86	63	167424	17.47	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.88%			
21) 2-Butanone-d5	6.89	46	103312	48.92	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.84%			
24) Chloroform-d	7.48	84	214864	23.70	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.80%			
26) 1,2-Dichloroethane-d4	8.14	65	140344	24.30	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.20%			
32) Benzene-d6	8.11	84	422107	25.01	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.04%			
36) 1,2-Dichloropropane-d6	9.12	67	127033	25.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.04%			
41) Toluene-d8	10.18	98	398644	24.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.80%			
43) trans-1,3-Dichloropropene-	10.43	79	69706	24.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.28%			
47) 2-Hexanone-d5	10.78	63	75586	48.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.92%			
56) 1,1,2,2-Tetrachloroethane-	12.56	84	122067	24.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.76%			
66) 1,2-Dichlorobenzene-d4	13.72	152	159711	26.39	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.56%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	7177	1.305	ug/L	95
3) Chloromethane	2.11	50	8083	1.313	ug/L	91
5) Vinyl chloride	2.25	62	7757m	1.187	ug/L	
6) Bromomethane	2.66	94	4828	1.209	ug/L	91
8) Chloroethane	2.80	64	4299	1.090	ug/L	94
9) Trichlorofluoromethane	3.13	101	9914	1.136	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	3.90	101	6461m	1.410	ug/L	
12) 1,1-Dichloroethene	3.88	96	5860	1.362	ug/L #	1
13) Acetone	3.95	43	5129	3.256	ug/L	93
14) Carbon disulfide	4.20	76	15643	1.080	ug/L	100
15) Methyl Acetate	4.48	43	4214	1.163	ug/L #	62
16) Methylene chloride	4.72	84	13402	2.546	ug/L	96
17) trans-1,2-Dichloroethene	5.23	96	4991	1.060	ug/L	95
18) Methyl tert-butyl Ether	5.23	73	14354	1.032	ug/L #	70
19) 1,1-Dichloroethane	6.03	63	8915	1.048	ug/L #	89
20) cis-1,2-Dichloroethene	7.00	96	5491m	1.079	ug/L	
22) 2-Butanone	6.99	43	6699m	2.744	ug/L	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122920\
Data File : VY003857.D
Acq On : 29 Dec 2020 17:29
Operator : SY/MD
Sample : L4485-03
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03

Manual Integrations APPROVED
MMDadoda
12/30/2020 6:36:29 PM

Quant Time: Dec 30 07:37:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM122920SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 30 07:32:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.34	128	2551	1.013	ug/L		82
25) Chloroform	7.51	83	12135	1.361	ug/L		96
27) 1,2-Dichloroethane	8.23	62	7820	1.128	ug/L	#	94
29) Cyclohexane	7.79	56	8568	1.077	ug/L		94
30) 1,1,1-Trichloroethane	7.71	97	8895	1.089	ug/L		98
31) Carbon tetrachloride	7.90	117	8408m	1.113	ug/L		
33) Benzene	8.16	78	19598	1.056	ug/L		100
34) Trichloroethene	8.94	95	5690	1.109	ug/L		94
35) Methylcyclohexane	9.18	83	8642	1.035	ug/L		95
37) 1,2-Dichloropropane	9.22	63	5209	1.103	ug/L		97
38) Bromodichloromethane	9.50	83	7218	1.084	ug/L	#	89
39) cis-1,3-Dichloropropene	9.93	75	8499	1.053	ug/L		94
40) 4-Methyl-2-pentanone	10.07	43	12533	2.485	ug/L		98
42) Toluene	10.24	91	22178	1.080	ug/L		97
44) trans-1,3-Dichloropropene	10.47	75	11977	1.537	ug/L		99
45) 1,1,2-Trichloroethane	10.64	97	4567	1.125	ug/L		86
46) Tetrachloroethene	10.72	164	5180	1.168	ug/L		88
48) 2-Hexanone	10.83	43	7549	2.054	ug/L		99
49) Dibromochloromethane	10.98	129	5692	1.108	ug/L		90
50) 1,2-Dibromoethane	11.09	107	4526	1.130	ug/L		92
51) Chlorobenzene	11.51	112	14998	1.130	ug/L		96
52) Ethylbenzene	11.59	91	24561	1.068	ug/L		95
53) m,p-Xylene	11.70	106	8922	1.023	ug/L		95
54) o-Xylene	12.02	106	8806	1.037	ug/L		87
55) Styrene	12.04	104	14468	0.985	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.57	83	6198	1.291	ug/L	#	87
59) Bromoform	12.20	173	4217	1.180	ug/L	#	96
60) Isopropylbenzene	12.32	105	23061	1.053	ug/L		99
61) 1,2,3-Trichloropropane	12.63	75	4954	1.218	ug/L		99
62) 1,3,5-Trimethylbenzene	12.81	105	19204	1.056	ug/L		97
63) 1,2,4-Trimethylbenzene	13.12	105	19344	1.050	ug/L		98
64) 1,3-Dichlorobenzene	13.36	146	12195	1.150	ug/L		96
65) 1,4-Dichlorobenzene	13.44	146	12502	1.164	ug/L		91
67) 1,2-Dichlorobenzene	13.74	146	12006	1.209	ug/L		91
68) 1,2-Dibromo-3-chloropropan	14.35	75	1450	1.435	ug/L	#	68
69) 1,3,5-Trichlorobenzene	14.50	180	9917	1.200	ug/L		97
70) 1,2,4-trichlorobenzene	15.00	180	7945	1.134	ug/L		96
71) Naphthalene	15.23	128	15389	1.052	ug/L		97
72) 1,2,3-Trichlorobenzene	15.42	180	7179	1.160	ug/L		95

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122920\
Data File : VY003857.D
Acq On : 29 Dec 2020 17:29
Operator : SY/MD
Sample : L4485-03
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 30 07:37:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM122920SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 30 07:32:29 2020
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03

Manual Integrations APPROVED
MMDadoda
12/30/2020 6:36:29 PM