Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093019\
Data File : VV013012.D
Acq On : 30 Sep 2019 11:31
Operator : SY/MD
Sample : VSTD00563
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00563

Quant Time: Sep 30 14:04:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM093019SMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 30 13:59:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	773920	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	762794	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	406049	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	62692	5.66	ug/L	0.00
7) Chloroethane-d5	1.58	69	52160	5.62	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	105712	5.54	ug/L	0.00
21) 2-Butanone-d5	3.96	46	36812	11.60	ug/L	0.03
24) Chloroform-d	4.40	84	114528	5.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	64677	5.45	ug/L	0.00
32) Benzene-d6	5.10	84	233205	5.54	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	71299	5.41	ug/L	0.00
41) Toluene-d8	7.36	98	205691	5.35	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	27897	5.04	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	23963	8.62	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.26	84	62341	5.05	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	85177	5.44	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	32853	3.962	ug/L	98
3) Chloromethane	1.25	50	47752	4.523	ug/L	98
5) Vinyl chloride	1.32	62	51940	4.775	ug/L	99
6) Bromomethane	1.54	94	33717	4.826	ug/L	98
8) Chloroethane	1.60	64	33726	4.906	ug/L	98
9) Trichlorofluoromethane	1.77	101	74531	5.059	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	48086	5.092	ug/L	96
12) 1,1-Dichloroethene	2.14	96	43898	4.949	ug/L	97
13) Acetone	2.22	43	36679	8.902	ug/L	97
14) Carbon disulfide	2.32	76	133626	4.909	ug/L	99
15) Methyl Acetate	2.47	43	29207	4.593	ug/L	97
16) Methylene chloride	2.53	84	67911	5.358	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	52994	5.068	ug/L	96
18) Methyl tert-butyl Ether	2.80	73	125115	4.757	ug/L	99
19) 1,1-Dichloroethane	3.23	63	97049	5.058	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	56669	4.873	ug/L	98
22) 2-Butanone	4.05	43	34196	9.588	ug/L	98
23) Bromochloromethane	4.30	128	28641	5.024	ug/L	94
25) Chloroform	4.42	83	101905	5.094	ug/L	96
27) 1,2-Dichloroethane	5.18	62	68927	5.012	ug/L	100
29) Cyclohexane	4.72	56	78065	4.649	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	77881	4.999	ug/L	97
31) Carbon tetrachloride	4.87	117	68236	4.865	ug/L	96
33) Benzene	5.14	78	220465	5.055	ug/L	100
34) Trichloroethene	5.96	95	60340	5.107	ug/L	98
35) Methylcyclohexane	6.17	83	88863	4.792	ug/L	97
37) 1,2-Dichloropropane	6.22	63	54225	4.846	ug/L	98
38) Bromodichloromethane	6.55	83	73365	5.023	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	78784	4.676	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	76545	8.559	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093019\
Data File : VV013012.D
Acq On : 30 Sep 2019 11:31
Operator : SY/MD
Sample : VSTD00563
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00563

Quant Time: Sep 30 14:04:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM093019SMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 30 13:59:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	229104	4.939	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	62651	4.529	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	47048	4.956	ug/L	99
46) Tetrachloroethene	8.02	164	49828	5.097	ug/L	97
48) 2-Hexanone	8.19	43	50595	7.769	ug/L	98
49) Dibromochloromethane	8.29	129	50635	4.678	ug/L	99
50) 1,2-Dibromoethane	8.40	107	44410	4.742	ug/L	99
51) Chlorobenzene	8.92	112	157667	5.011	ug/L	99
52) Ethylbenzene	9.05	91	243680	4.782	ug/L	99
53) m,p-Xylene	9.18	106	91577	4.702	ug/L	100
54) o-Xylene	9.59	106	84954	4.559	ug/L	100
55) Styrene	9.60	104	153632	4.709	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.28	83	53834	4.651	ug/L	99
59) Bromoform	9.77	173	31638	4.549	ug/L	97
60) Isopropylbenzene	9.97	105	235522	4.813	ug/L	100
61) 1,2,3-Trichloropropane	10.32	75	43966	4.757	ug/L	98
62) 1,3,5-Trimethylbenzene	10.58	105	178407	4.525	ug/L	98
63) 1,2,4-Trimethylbenzene	10.95	105	180632	4.562	ug/L	100
64) 1,3-Dichlorobenzene	11.22	146	129693	5.049	ug/L	99
65) 1,4-Dichlorobenzene	11.32	146	136302	5.053	ug/L	98
67) 1,2-Dichlorobenzene	11.69	146	122990	5.015	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.47	75	8666	4.323	ug/L	96
69) 1,3,5-Trichlorobenzene	12.69	180	104011	5.030	ug/L	98
70) 1,2,4-trichlorobenzene	13.31	180	84410	4.721	ug/L	99
71) Naphthalene	13.55	128	139816	4.014	ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	82458	4.781	ug/L	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093019\
Data File : VV013012.D
Acq On : 30 Sep 2019 11:31
Operator : SY/MD
Sample : VSTD00563
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00563

Quant Time: Sep 30 14:04:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM093019SMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 30 13:59:50 2019
Response via : Initial Calibration