Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014876.D
Acq On : 05 Feb 2020 16:10
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02513

Quant Time: Feb 06 02:46:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 15:37:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1018686	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	930764	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	424578	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	412113	24.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.76%			
7) Chloroethane-d5	2.89	69	343864	25.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.88%			
10) 1,1-Dichloroethene-d2	4.03	63	772414	25.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.28%			
20) 2-Butanone-d5	7.07	46	221321	46.76	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.52%			
24) Chloroform-d	7.65	84	727497	25.15	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.60%			
26) 1,2-Dichloroethane-d4	8.31	65	392465	24.52	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.08%			
29) Benzene-d6	8.27	84	1488054	24.86	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.44%			
33) 1,2-Dichloropropane-d6	9.27	67	484070	24.82	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.28%			
37) Toluene-d8	10.32	98	1333182	25.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.24%			
38) trans-1,3-Dichloropropene-	10.57	79	189745	24.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.56%			
39) 2-Hexanone-d5	10.92	63	173190	48.71	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.42%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	342016	23.29	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.16%			
61) 1,2-Dichlorobenzene-d4	13.85	152	411107	24.97	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	249983	23.870	ug/L #	81
3) Chloromethane	2.21	50	408255	25.726	ug/L	98
5) Vinyl chloride	2.37	62	523282	25.254	ug/L	99
6) Bromomethane	2.78	94	266526	25.724	ug/L	99
8) Chloroethane	2.93	64	297359	26.229	ug/L	99
9) Trichlorofluoromethane	3.26	101	207196	24.737	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	368531	24.925	ug/L	98
12) 1,1-Dichloroethene	4.04	96	375365	25.976	ug/L	94
13) Acetone	4.12	43	202904	41.534	ug/L	99
14) Carbon disulfide	4.39	76	1121799	25.855	ug/L	99
15) Methyl Acetate	4.67	43	193710	24.096	ug/L	99
16) Methylene chloride	4.92	84	430071	23.174	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	509282	26.977	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	388389	26.527	ug/L	96
19) 1,1-Dichloroethane	6.21	63	788772	26.592	ug/L	97
21) 2-Butanone	7.17	43	269494	47.117	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	427487	26.994	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020520\
Data File : VW014876.D
Acq On : 05 Feb 2020 16:10
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02513

Quant Time: Feb 06 02:46:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 15:37:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.51	128	168041	25.863 ug/L	99
25) Chloroform	7.67	83	728912	26.752 ug/L	100
27) 1,2-Dichloroethane	8.40	62	487465	25.949 ug/L	100
30) Cyclohexane	7.96	56	718406	25.904 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	546440	25.748 ug/L	99
32) Carbon tetrachloride	8.07	117	490603	25.716 ug/L	99
34) Benzene	8.32	78	1686651	26.352 ug/L	100
35) Trichloroethene	9.09	95	413950	26.092 ug/L	100
36) Methylcyclohexane	9.34	83	662491	23.972 ug/L	99
40) 1,2-Dichloropropane	9.37	63	455155	26.574 ug/L	99
41) Bromodichloromethane	9.64	83	520688	26.526 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	656486	26.992 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	560739	49.927 ug/L	100
44) Toluene	10.38	91	1746739	26.883 ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	517118	26.403 ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	291630	25.864 ug/L	99
47) Tetrachloroethene	10.86	164	283780	24.343 ug/L	99
49) 2-Hexanone	10.96	43	399048	50.583 ug/L	99
50) Dibromochloromethane	11.13	129	315685	26.051 ug/L	100
51) 1,2-Dibromoethane	11.23	107	263445	25.111 ug/L	98
52) Chlorobenzene	11.65	112	1042239	26.236 ug/L	98
53) Ethylbenzene	11.73	91	1894196	26.648 ug/L	100
54) m,p-Xylene	11.84	106	695525	26.787 ug/L	100
55) o-xylene	12.16	106	664381	26.886 ug/L	97
56) Styrene	12.18	104	1142820	27.364 ug/L	98
57) Isopropylbenzene	12.46	105	1750237	26.373 ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	351116	24.948 ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	261428	24.691 ug/L	98
62) Bromoform	12.35	173	167300	25.849 ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	734554	25.612 ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	738543	25.564 ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	676933	25.805 ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	54461	24.349 ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	518206	25.228 ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	427501	26.342 ug/L	98
69) Naphthalene	15.36	128	857297	26.855 ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	387607	25.866 ug/L	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014876.D
Acq On : 05 Feb 2020 16:10
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02513

Quant Time: Feb 06 02:46:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 15:37:26 2020
Response via : Initial Calibration