Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110520\
Data File : VW017086.D
Acq On : 05 Nov 2020 09:04
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02514

Quant Time: Nov 06 04:13:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 04 16:12:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	498648	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	460207	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	223400	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	164667	26.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.88%			
7) Chloroethane-d5	2.90	69	123614	25.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.16%			
10) 1,1-Dichloroethene-d2	4.03	63	284766	25.35	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.40%			
20) 2-Butanone-d5	7.08	46	57688	41.07	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.14%			
24) Chloroform-d	7.65	84	291271	25.02	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.08%			
26) 1,2-Dichloroethane-d4	8.31	65	135479	23.41	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.64%			
29) Benzene-d6	8.27	84	576080	24.58	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.32%			
33) 1,2-Dichloropropane-d6	9.27	67	156867	24.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.80%			
37) Toluene-d8	10.32	98	542640	24.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.24%			
38) trans-1,3-Dichloropropene-	10.58	79	68487	23.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.72%			
39) 2-Hexanone-d5	10.93	63	46006	40.67	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.34%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123695	21.91	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 87.64%			
61) 1,2-Dichlorobenzene-d4	13.85	152	192318	24.43	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	129000	25.785	ug/L	99
3) Chloromethane	2.22	50	112590	24.796	ug/L	100
5) Vinyl chloride	2.37	62	172817	25.950	ug/L	100
6) Bromomethane	2.79	94	119511	25.949	ug/L	96
8) Chloroethane	2.93	64	104050	25.895	ug/L	98
9) Trichlorofluoromethane	3.26	101	147441	27.221	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	166137	25.812	ug/L	99
12) 1,1-Dichloroethene	4.04	96	154516	24.967	ug/L	94
13) Acetone	4.13	43	36402	38.707	ug/L	99
14) Carbon disulfide	4.39	76	415242	24.654	ug/L	99
15) Methyl Acetate	4.68	43	47936	20.565	ug/L	98
16) Methylene chloride	4.92	84	152996	22.758	ug/L	100
17) Methyl tert-butyl Ether	5.43	73	184147	24.367	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	157773	24.627	ug/L	97
19) 1,1-Dichloroethane	6.23	63	254936	25.117	ug/L	100
21) 2-Butanone	7.17	43	59639	39.495	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	164730	24.319	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110520\
Data File : VW017086.D
Acq On : 05 Nov 2020 09:04
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02514

Quant Time: Nov 06 04:13:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 04 16:12:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.52	128	78156	23.965 ug/L	98
25) Chloroform	7.68	83	277051	25.071 ug/L	100
27) 1,2-Dichloroethane	8.40	62	156450	23.625 ug/L	98
30) Cyclohexane	7.96	56	216677	25.006 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	245794	26.081 ug/L	99
32) Carbon tetrachloride	8.07	117	232275	25.542 ug/L	99
34) Benzene	8.33	78	598313	24.759 ug/L	100
35) Trichloroethene	9.09	95	166733	24.631 ug/L	100
36) Methylcyclohexane	9.34	83	272122	24.982 ug/L	100
40) 1,2-Dichloropropane	9.37	63	136077	24.089 ug/L	99
41) Bromodichloromethane	9.65	83	187994	24.062 ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	220378	24.630 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	135018	38.741 ug/L	100
44) Toluene	10.39	91	663214	24.933 ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	182754	23.784 ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	109812	22.547 ug/L	99
47) Tetrachloroethene	10.87	164	151061	24.734 ug/L	97
49) 2-Hexanone	10.97	43	85160	40.531 ug/L	98
50) Dibromochloromethane	11.13	129	139344	23.484 ug/L	99
51) 1,2-Dibromoethane	11.24	107	104433	22.071 ug/L	99
52) Chlorobenzene	11.66	112	441567	24.544 ug/L	99
53) Ethylbenzene	11.73	91	736631	24.793 ug/L	100
54) m,p-Xylene	11.84	106	288392	24.814 ug/L	100
55) o-xylene	12.17	106	275582	24.982 ug/L	98
56) Styrene	12.18	104	468977	25.321 ug/L	98
57) Isopropylbenzene	12.46	105	768616	25.674 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	121362	21.570 ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	85946	21.252 ug/L	100
62) Bromoform	12.35	173	77867	22.707 ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	348443	25.073 ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	348776	24.981 ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	312263	24.917 ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	17722	21.388 ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	259738	25.364 ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	205673	25.167 ug/L	98
69) Naphthalene	15.37	128	340778	22.660 ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	175429	23.494 ug/L	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110520\
Data File : VW017086.D
Acq On : 05 Nov 2020 09:04
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02514

Quant Time: Nov 06 04:13:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 04 16:12:16 2020
Response via : Initial Calibration