Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV033020\
Data File : VV015293.D
Acq On : 31 Mar 2020 00:09
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05084

Manual Integrations APPROVED
MMDadoda
3/31/2020 4:21:39 PM

Quant Time: Mar 31 06:24:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 31 02:12:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	643727	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	647802	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	303532	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	196820	41.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.86%			
7) Chloroethane-d5	1.58	69	190302	43.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.14%			
11) 1,1-Dichloroethene-d2	2.12	63	420560	41.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.10%			
21) 2-Butanone-d5	3.93	46	301689m	98.29	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.29%			
24) Chloroform-d	4.38	84	389824	46.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.40%			
26) 1,2-Dichloroethane-d4	5.06	65	257669	46.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.44%			
32) Benzene-d6	5.08	84	743118	43.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.88%			
36) 1,2-Dichloropropane-d6	6.10	67	238046	45.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.02%			
41) Toluene-d8	7.34	98	739284	45.19	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.38%			
43) trans-1,3-Dichloropropene-	7.64	79	125791	43.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.36%			
47) 2-Hexanone-d5	8.11	63	245500	98.96	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.96%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	364979	46.77	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.54%			
64) 1,2-Dichlorobenzene-d4	11.65	152	275956	45.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.36%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	230165	50.823	ug/L	99
3) Chloromethane	1.25	50	249060	48.427	ug/L	98
5) Vinyl chloride	1.32	62	268062	49.406	ug/L	99
6) Bromomethane	1.53	94	171664	47.296	ug/L	95
8) Chloroethane	1.60	64	199426	53.301	ug/L	98
9) Trichlorofluoromethane	1.77	101	478147	52.135	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	232594	47.295	ug/L	99
12) 1,1-Dichloroethene	2.13	96	223685	46.983	ug/L	97
13) Acetone	2.21	43	188506	89.997	ug/L	98
14) Carbon disulfide	2.31	76	530642	45.802	ug/L	100
15) Methyl Acetate	2.46	43	218646	51.986	ug/L	100
16) Methylene chloride	2.53	84	217440	48.817	ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	193646	48.537	ug/L	97
18) Methyl tert-butyl Ether	2.79	73	689599	50.766	ug/L	99
19) 1,1-Dichloroethane	3.22	63	374285	50.319	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	224955	50.159	ug/L #	97
22) 2-Butanone	4.01	43	302707	99.138	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV033020\
Data File : VV015293.D
Acq On : 31 Mar 2020 00:09
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05084

Manual Integrations APPROVED
MMDadoda
3/31/2020 4:21:39 PM

Quant Time: Mar 31 06:24:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 31 02:12:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	107894	48.871 ug/L	98
25) Chloroform	4.41	83	403431	50.798 ug/L	97
27) 1,2-Dichloroethane	5.16	62	316564	50.116 ug/L	99
29) Cyclohexane	4.70	56	332605	48.404 ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	361491	49.216 ug/L	98
31) Carbon tetrachloride	4.86	117	304022	48.860 ug/L	99
33) Benzene	5.13	78	859236	50.103 ug/L	100
34) Trichloroethene	5.94	95	226111	49.149 ug/L	98
35) Methylcyclohexane	6.15	83	355587	49.279 ug/L	99
37) 1,2-Dichloropropane	6.20	63	216194	49.562 ug/L	100
38) Bromodichloromethane	6.53	83	315662	50.322 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	348416	47.295 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	638815	98.495 ug/L	99
42) Toluene	7.41	91	979651	50.886 ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	358475	49.524 ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	225498	51.315 ug/L	98
46) Tetrachloroethene	8.00	164	152148	49.979 ug/L	94
48) 2-Hexanone	8.16	43	505745	101.646 ug/L	99
49) Dibromochloromethane	8.27	129	242592	50.512 ug/L	97
50) 1,2-Dibromoethane	8.37	107	240520	50.374 ug/L	99
51) Chlorobenzene	8.90	112	631308	50.386 ug/L	98
52) Ethylbenzene	9.03	91	1114108	51.319 ug/L	99
53) m,p-Xylene	9.16	106	433030	52.295 ug/L	96
54) o-xylene	9.57	106	428947	52.072 ug/L	99
55) Styrene	9.58	104	725633	51.621 ug/L	99
56) Isopropylbenzene	9.95	105	1112891	51.323 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	374785	51.390 ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	303309	50.256 ug/L	98
61) Bromoform	9.75	173	155203	51.271 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	469903	50.761 ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	464709	49.182 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	472392	50.569 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.45	75	99223	48.276 ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	296305	50.151 ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	276733	49.295 ug/L	98
69) Naphthalene	13.53	128	1134845	50.712 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	287364	51.004 ug/L	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV033020\
Data File : VV015293.D
Acq On : 31 Mar 2020 00:09
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 31 06:24:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 31 02:12:40 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD05084

Manual Integrations APPROVED
MMDadoda
3/31/2020 4:21:39 PM