Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013870.D
Acq On : 02 Dec 2019 14:20
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV63

Manual Integrations APPROVED
apatel
12/5/2019 8:35:16 AM

Quant Time: Dec 03 03:08:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 03 02:59:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	719270	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	689935	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	369094	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	190950	45.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.80%			
7) Chloroethane-d5	1.58	69	200628	46.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.40%			
11) 1,1-Dichloroethene-d2	2.13	63	428813	46.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.24%			
21) 2-Butanone-d5	3.92	46	321382	109.76	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.76%			
24) Chloroform-d	4.39	84	436498	49.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.94%			
26) 1,2-Dichloroethane-d4	5.07	65	268582	48.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.04%			
32) Benzene-d6	5.09	84	866261	48.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.90%			
36) 1,2-Dichloropropane-d6	6.11	67	264444	49.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.56%			
41) Toluene-d8	7.35	98	830803	50.97	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.94%			
43) trans-1,3-Dichloropropene-	7.66	79	127899	48.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.96%			
47) 2-Hexanone-d5	8.12	63	220142	109.86	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.86%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	359712	46.29	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.58%			
64) 1,2-Dichlorobenzene-d4	11.67	152	360797	49.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	298553	46.617	ug/L	100
3) Chloromethane	1.25	50	287043	49.024	ug/L	99
5) Vinyl chloride	1.32	62	282719	46.297	ug/L	99
6) Bromomethane	1.53	94	179205	48.537	ug/L	100
8) Chloroethane	1.60	64	188104	46.294	ug/L	97
9) Trichlorofluoromethane	1.77	101	442961	46.638	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	249244	46.075	ug/L	99
12) 1,1-Dichloroethene	2.14	96	241494	46.216	ug/L	92
13) Acetone	2.18	43	382984	89.257	ug/L	98
14) Carbon disulfide	2.32	76	630065	45.724	ug/L	100
15) Methyl Acetate	2.45	43	249982	47.273	ug/L	99
16) Methylene chloride	2.53	84	260404	47.856	ug/L	96
17) trans-1,2-Dichloroethene	2.79	96	239720	46.902	ug/L	95
18) Methyl tert-butyl Ether	2.80	73	732317	49.373	ug/L	99
19) 1,1-Dichloroethane	3.23	63	432821	47.003	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	272877m	49.301	ug/L	
22) 2-Butanone	4.00	43	415652	100.924	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013870.D
Acq On : 02 Dec 2019 14:20
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV63

Manual Integrations APPROVED
apatel
12/5/2019 8:35:16 AM

Quant Time: Dec 03 03:08:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 03 02:59:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.29	128	147713	48.304 ug/L	98
25) Chloroform	4.42	83	456898	46.413 ug/L	99
27) 1,2-Dichloroethane	5.17	62	347307	48.961 ug/L	99
29) Cyclohexane	4.72	56	399961	49.618 ug/L	100
30) 1,1,1-Trichloroethane	4.65	97	385024	46.227 ug/L	99
31) Carbon tetrachloride	4.87	117	352015	47.313 ug/L	100
33) Benzene	5.14	78	992699	48.315 ug/L	100
34) Trichloroethene	5.96	95	256448	46.536 ug/L	99
35) Methylcyclohexane	6.17	83	412030	49.833 ug/L	100
37) 1,2-Dichloropropane	6.22	63	245226	49.314 ug/L	99
38) Bromodichloromethane	6.55	83	323304	45.844 ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	395893	50.571 ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	650613	100.615 ug/L	98
42) Toluene	7.42	91	1037124	48.923 ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	337698	47.637 ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	238617	48.342 ug/L	99
46) Tetrachloroethene	8.01	164	237143	47.689 ug/L	95
48) 2-Hexanone	8.17	43	527204	101.920 ug/L	95
49) Dibromochloromethane	8.28	129	284224	47.106 ug/L	99
50) 1,2-Dibromoethane	8.39	107	265326	48.796 ug/L	98
51) Chlorobenzene	8.92	112	707321	48.362 ug/L	99
52) Ethylbenzene	9.05	91	1157890	49.546 ug/L	100
53) m,p-Xylene	9.18	106	459398	50.833 ug/L	97
54) o-xylene	9.58	106	430226	48.689 ug/L	98
55) Styrene	9.60	104	755559	49.560 ug/L	99
56) Isopropylbenzene	9.97	105	1132969	47.702 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	366615	45.624 ug/L	97
59) 1,2,3-Trichloropropane	10.31	75	298683	44.385 ug/L	99
61) Bromoform	9.77	173	230658	51.087 ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	584619	48.272 ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	598025	47.764 ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	583744	48.186 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	79738	47.361 ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	478793	48.683 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	415835	46.859 ug/L	100
69) Naphthalene	13.55	128	1130698	48.527 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	434099	46.776 ug/L	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013870.D
Acq On : 02 Dec 2019 14:20
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 03 03:08:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 03 02:59:26 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VICV63

Manual Integrations APPROVED
apatel
12/5/2019 8:35:16 AM