Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102920\
Data File : VV019156.D
Acq On : 29 Oct 2020 19:37
Operator : SY/MD
Sample : MDL02
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA-V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Manual Integrations APPROVED
MMDadoda
11/2/2020 2:27:02 PM

Quant Time: Nov 01 15:00:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 30 05:31:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	224711	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	216516	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	111525	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	88214	49.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.80%			
7) Chloroethane-d5	1.58	69	69393	50.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.04%			
11) 1,1-Dichloroethene-d2	2.12	63	131120	38.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.20%			
21) 2-Butanone-d5	3.91	46	117031	107.00	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.00%			
24) Chloroform-d	4.38	84	167137	50.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.62%			
26) 1,2-Dichloroethane-d4	5.05	65	122935	53.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.22%			
32) Benzene-d6	5.07	84	320317	52.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.30%			
36) 1,2-Dichloropropane-d6	6.09	67	99086	54.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.22%			
41) Toluene-d8	7.33	98	291120	49.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.68%			
43) trans-1,3-Dichloropropene-	7.64	79	53684	50.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.32%			
47) 2-Hexanone-d5	8.11	63	85123	107.33	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.33%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	127935	51.81	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.62%			
64) 1,2-Dichlorobenzene-d4	11.65	152	123595	52.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	3859	1.956	ug/L	99
3) Chloromethane	1.25	50	3859	2.154	ug/L	98
5) Vinyl chloride	1.32	62	4425	2.412	ug/L #	63
6) Bromomethane	1.53	94	2802	2.280	ug/L	99
8) Chloroethane	1.60	64	2773	2.431	ug/L	100
9) Trichlorofluoromethane	1.77	101	5863	1.918	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4309	2.929	ug/L #	75
12) 1,1-Dichloroethene	2.13	96	3979	2.761	ug/L #	1
13) Acetone	2.20	43	4395	4.325	ug/L	72
14) Carbon disulfide	2.31	76	10296	2.248	ug/L #	93
15) Methyl Acetate	2.46	43	3703	2.261	ug/L #	89
16) Methylene chloride	2.53	84	3967	2.424	ug/L	93
17) trans-1,2-Dichloroethene	2.78	96	3256	2.104	ug/L	96
18) Methyl tert-butyl Ether	2.79	73	10559	2.037	ug/L	98
19) 1,1-Dichloroethane	3.22	63	5966	2.069	ug/L	91
20) cis-1,2-Dichloroethene	3.94	96	3388	1.995	ug/L	92
22) 2-Butanone	4.02	43	4444m	4.015	ug/L	

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102920\
Data File : VV019156.D
Acq On : 29 Oct 2020 19:37
Operator : SY/MD
Sample : MDL02
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA-V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Manual Integrations APPROVED
MMDadoda
11/2/2020 2:27:02 PM

Quant Time: Nov 01 15:00:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 30 05:31:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.28	128	1943	2.132 ug/L		90
25) Chloroform	4.41	83	8251	2.648 ug/L		96
27) 1,2-Dichloroethane	5.17	62	5919	2.231 ug/L	#	90
29) Cyclohexane	4.70	56	4408	1.824 ug/L	#	90
30) 1,1,1-Trichloroethane	4.64	97	5902	2.012 ug/L		97
31) Carbon tetrachloride	4.86	117	5108	1.963 ug/L		97
33) Benzene	5.13	78	13375	2.143 ug/L		100
34) Trichloroethene	5.95	95	3582	2.095 ug/L		89
35) Methylcyclohexane	6.16	83	4774m	2.068 ug/L		
37) 1,2-Dichloropropane	6.20	63	3506	2.261 ug/L	#	89
38) Bromodichloromethane	6.54	83	4775	2.070 ug/L	#	93
39) cis-1,3-Dichloropropene	7.05	75	5578	2.178 ug/L		96
40) 4-Methyl-2-pentanone	7.25	43	8594	4.018 ug/L		98
42) Toluene	7.41	91	18577	2.715 ug/L		92
44) trans-1,3-Dichloropropene	7.68	75	5533	2.077 ug/L		85
45) 1,1,2-Trichloroethane	7.87	97	3176	2.043 ug/L		91
46) Tetrachloroethene	8.00	164	3113	2.132 ug/L		95
48) 2-Hexanone	8.16	43	7908	4.652 ug/L	#	91
49) Dibromochloromethane	8.27	129	3843	2.041 ug/L		88
50) 1,2-Dibromoethane	8.38	107	3203	1.931 ug/L	#	90
51) Chlorobenzene	8.90	112	9386	2.092 ug/L		99
52) Ethylbenzene	9.04	91	14335	1.901 ug/L		98
53) m,p-Xylene	9.16	106	5449	1.913 ug/L		98
54) o-xylene	9.57	106	4928	1.802 ug/L		95
55) Styrene	9.59	104	8194	1.691 ug/L		98
56) Isopropylbenzene	9.96	105	12554	1.708 ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.26	83	5463	2.307 ug/L		96
59) 1,2,3-Trichloropropane	10.30	75	4547	2.244 ug/L		96
61) Bromoform	9.75	173	3005	2.184 ug/L	#	93
62) 1,3-Dichlorobenzene	11.21	146	7215	2.051 ug/L		98
63) 1,4-Dichlorobenzene	11.30	146	8254	2.258 ug/L		99
65) 1,2-Dichlorobenzene	11.67	146	7842	2.250 ug/L		96
66) 1,2-Dibromo-3-chloropropan	12.46	75	1093	1.833 ug/L		95
67) 1,3,5-Trichlorobenzene	12.67	180	5627	2.173 ug/L		97
68) 1,2,4-trichlorobenzene	13.29	180	4878	2.011 ug/L		98
69) Naphthalene	13.53	128	11345	1.669 ug/L		98
70) 1,2,3-Trichlorobenzene	13.77	180	4442	1.871 ug/L		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102920\
Data File : VV019156.D
Acq On : 29 Oct 2020 19:37
Operator : SY/MD
Sample : MDL02
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA-V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 01 15:00:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 30 05:31:22 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Manual Integrations APPROVED
MMDadoda
11/2/2020 2:27:02 PM