Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080619\
Data File : VV012117.D
Acq On : 06 Aug 2019 16:20
Operator : SY/MD
Sample : MDL02
Misc : 5.00g/5.0mL/100uL/5mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL02

Manual Integrations APPROVED
MMDadoda
8/7/2019 9:11:01 AM

Quant Time: Aug 06 18:46:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 06 18:20:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	270453	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	249147	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	124464	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	67813	45.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.74%			
7) Chloroethane-d5	1.58	69	46266	44.09	ug/L	0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.18%			
11) 1,1-Dichloroethene-d2	2.13	63	92577	36.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.24%			
21) 2-Butanone-d5	3.92	46	119041	110.51	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.51%			
24) Chloroform-d	4.40	84	181190	48.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.70%			
26) 1,2-Dichloroethane-d4	5.08	65	120257	50.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.94%			
32) Benzene-d6	5.10	84	355637	49.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.20%			
36) 1,2-Dichloropropane-d6	6.12	67	104212	50.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.36%			
41) Toluene-d8	7.36	98	341265	49.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.74%			
43) trans-1,3-Dichloropropene-	7.66	79	58374	49.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.86%			
47) 2-Hexanone-d5	8.13	63	93663	108.59	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.59%			
56) 1,1,2,2-Tetrachloroethane-	10.26	84	146896	50.18	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.36%			
66) 1,2-Dichlorobenzene-d4	11.67	152	148710	50.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	4288	2.245	ug/L	94
3) Chloromethane	1.25	50	3509	2.587	ug/L	97
5) Vinyl chloride	1.32	62	3004	2.294	ug/L #	55
6) Bromomethane	1.52	94	1816	2.389	ug/L	88
8) Chloroethane	1.59	64	1422	2.074	ug/L	92
9) Trichlorofluoromethane	1.77	101	4448	2.090	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3166	3.034	ug/L #	75
12) 1,1-Dichloroethene	2.14	96	2406	2.449	ug/L #	1
13) Acetone	2.19	43	2707	3.686	ug/L	92
14) Carbon disulfide	2.32	76	7438	2.240	ug/L	98
15) Methyl Acetate	2.46	43	2730	2.124	ug/L	97
16) Methylene chloride	2.54	84	3552	2.382	ug/L	83
17) trans-1,2-Dichloroethene	2.79	96	2985	2.151	ug/L	90
18) Methyl tert-butyl Ether	2.80	73	10520m	2.207	ug/L	
19) 1,1-Dichloroethane	3.23	63	5571	2.202	ug/L	94
20) cis-1,2-Dichloroethene	3.96	96	3409	2.086	ug/L	99
22) 2-Butanone	4.02	43	3865	4.083	ug/L #	63

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080619\
Data File : VV012117.D
Acq On : 06 Aug 2019 16:20
Operator : SY/MD
Sample : MDL02
Misc : 5.00g/5.0mL/100uL/5mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Manual Integrations APPROVED
MMDadoda
8/7/2019 9:11:01 AM

Quant Time: Aug 06 18:46:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 06 18:20:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	2169	2.414	ug/L		84
25) Chloroform	4.42	83	8360	2.915	ug/L		96
27) 1,2-Dichloroethane	5.18	62	4853	2.177	ug/L		97
29) Cyclohexane	4.72	56	2457	1.179	ug/L	#	80
30) 1,1,1-Trichloroethane	4.66	97	6145	2.322	ug/L	#	73
31) Carbon tetrachloride	4.87	117	5365	2.185	ug/L		99
33) Benzene	5.15	78	13202	2.302	ug/L		100
34) Trichloroethene	5.96	95	3471	2.177	ug/L		88
35) Methylcyclohexane	6.18	83	5086	2.144	ug/L		95
37) 1,2-Dichloropropane	6.22	63	3395	2.427	ug/L		97
38) Bromodichloromethane	6.56	83	4464	2.028	ug/L	#	91
39) cis-1,3-Dichloropropene	7.07	75	5359	2.173	ug/L		97
40) 4-Methyl-2-pentanone	7.27	43	8609	4.782	ug/L	#	90
42) Toluene	7.43	91	15475	2.428	ug/L		100
44) trans-1,3-Dichloropropene	7.69	75	4776	2.051	ug/L		94
45) 1,1,2-Trichloroethane	7.88	97	3635	2.411	ug/L		95
46) Tetrachloroethene	8.02	164	3261	2.196	ug/L		97
48) 2-Hexanone	8.18	43	7535	5.551	ug/L	#	91
49) Dibromochloromethane	8.29	129	4480	2.289	ug/L		91
50) 1,2-Dibromoethane	8.40	107	3728	2.235	ug/L		94
51) Chlorobenzene	8.92	112	10310	2.400	ug/L		93
52) Ethylbenzene	9.05	91	16001	2.238	ug/L		100
53) m,p-Xylene	9.18	106	5758	2.087	ug/L		99
54) o-Xylene	9.59	106	6450	2.356	ug/L		95
55) Styrene	9.60	104	9834	2.133	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.29	83	6504	2.805	ug/L		99
59) Bromoform	9.77	173	3322	2.275	ug/L	#	97
60) Isopropylbenzene	9.97	105	15759	2.313	ug/L		97
61) 1,2,3-Trichloropropane	10.31	75	4362	2.581	ug/L		98
62) 1,3,5-Trimethylbenzene	10.58	105	12872	2.185	ug/L		94
63) 1,2,4-Trimethylbenzene	10.96	105	12427	2.138	ug/L		98
64) 1,3-Dichlorobenzene	11.22	146	8132	2.365	ug/L		97
65) 1,4-Dichlorobenzene	11.32	146	8803	2.533	ug/L		94
67) 1,2-Dichlorobenzene	11.69	146	8910	2.540	ug/L		96
68) 1,2-Dibromo-3-chloropropan	12.48	75	1275	2.289	ug/L	#	76
69) 1,3,5-Trichlorobenzene	12.69	180	6797	2.439	ug/L		92
70) 1,2,4-trichlorobenzene	13.31	180	4260	1.763	ug/L	#	85
71) Naphthalene	13.55	128	9080	1.483	ug/L	#	86
72) 1,2,3-Trichlorobenzene	13.79	180	4276	1.758	ug/L		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080619\
Data File : VV012117.D
Acq On : 06 Aug 2019 16:20
Operator : SY/MD
Sample : MDL02
Misc : 5.00g/5.0mL/100uL/5mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 06 18:46:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 06 18:20:54 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Manual Integrations APPROVED
MMDadoda
8/7/2019 9:11:01 AM