Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072320\
Data File : VU039652.D
Acq On : 23 Jul 2020 21:37
Operator : SY/MD
Sample : MDL06
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Manual Integrations APPROVED
sam
7/30/2020 2:57:21 AM

Quant Time: Jul 29 15:55:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 24 03:36:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	185661	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	178756	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	82791	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	52166	43.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.32%			
7) Chloroethane-d5	1.92	69	52120	35.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 71.96%			
11) 1,1-Dichloroethene-d2	2.58	63	86891	33.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.92%			
21) 2-Butanone-d5	4.65	46	127333	91.25	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.25%			
24) Chloroform-d	5.08	84	120245	44.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.48%			
26) 1,2-Dichloroethane-d4	5.72	65	87398	44.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.98%			
32) Benzene-d6	5.75	84	231810	46.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.40%			
36) 1,2-Dichloropropane-d6	6.70	67	78083	47.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.94%			
41) Toluene-d8	7.91	98	212380	45.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.94%			
43) trans-1,3-Dichloropropene-	8.19	79	35265	42.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.86%			
47) 2-Hexanone-d5	8.64	63	79288	89.30	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.30%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	114094	44.26	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.52%			
64) 1,2-Dichlorobenzene-d4	12.19	152	84643	46.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	2283	1.805	ug/L	97
3) Chloromethane	1.53	50	3069	2.336	ug/L	100
5) Vinyl chloride	1.61	62	2765	2.071	ug/L #	73
6) Bromomethane	1.86	94	2471	2.463	ug/L	84
8) Chloroethane	1.94	64	2069	1.742	ug/L #	76
9) Trichlorofluoromethane	2.15	101	4998	2.118	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2757	2.428	ug/L	85
12) 1,1-Dichloroethene	2.59	96	3068	2.897	ug/L #	1
13) Acetone	2.65	43	3620m	3.898	ug/L	
14) Carbon disulfide	2.81	76	6361	1.877	ug/L #	93
15) Methyl Acetate	2.97	43	3181	1.912	ug/L	97
16) Methylene chloride	3.06	84	2753	2.170	ug/L	92
17) trans-1,2-Dichloroethene	3.38	96	2269	1.925	ug/L	89
18) Methyl tert-butyl Ether	3.39	73	7566	1.987	ug/L	97
19) 1,1-Dichloroethane	3.90	63	4548	1.977	ug/L	99
20) cis-1,2-Dichloroethene	4.69	96	2675	1.986	ug/L	95
22) 2-Butanone	4.73	43	4713	3.601	ug/L #	74

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072320\
Data File : VU039652.D
Acq On : 23 Jul 2020 21:37
Operator : SY/MD
Sample : MDL06
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Manual Integrations APPROVED
sam
7/30/2020 2:57:21 AM

Quant Time: Jul 29 15:55:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 24 03:36:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.99	128	1345	1.987 ug/L		88
25) Chloroform	5.11	83	9807	3.844 ug/L		99
27) 1,2-Dichloroethane	5.81	62	4616	2.182 ug/L	#	91
29) Cyclohexane	5.41	56	3844	1.979 ug/L	#	80
30) 1,1,1-Trichloroethane	5.34	97	4388	2.050 ug/L		94
31) Carbon tetrachloride	5.54	117	3563m	2.007 ug/L		
33) Benzene	5.79	78	10262	2.083 ug/L		100
34) Trichloroethene	6.56	95	2664	2.044 ug/L		93
35) Methylcyclohexane	6.78	83	3808	1.890 ug/L	#	83
37) 1,2-Dichloropropane	6.81	63	2856	2.141 ug/L	#	89
38) Bromodichloromethane	7.12	83	3643	2.057 ug/L	#	93
39) cis-1,3-Dichloropropene	7.62	75	4007	2.010 ug/L		98
40) 4-Methyl-2-pentanone	7.80	43	8849	3.808 ug/L		100
42) Toluene	7.98	91	11376	2.100 ug/L		96
44) trans-1,3-Dichloropropene	8.21	75	3434	1.759 ug/L		94
45) 1,1,2-Trichloroethane	8.41	97	2425	1.906 ug/L		88
46) Tetrachloroethene	8.56	164	1802	1.828 ug/L		94
48) 2-Hexanone	8.69	43	11105	5.865 ug/L		96
49) Dibromochloromethane	8.82	129	2559	1.782 ug/L		97
50) 1,2-Dibromoethane	8.93	107	2939	2.077 ug/L	#	86
51) Chlorobenzene	9.45	112	7082	2.049 ug/L		90
52) Ethylbenzene	9.57	91	12134	2.027 ug/L		90
53) m,p-Xylene	9.70	106	4266	1.890 ug/L		88
54) o-xylene	10.10	106	3978	1.837 ug/L		100
55) Styrene	10.12	104	6575	1.754 ug/L		94
56) Isopropylbenzene	10.48	105	9922	1.688 ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.78	83	4730	2.040 ug/L		99
59) 1,2,3-Trichloropropane	10.82	75	3813	1.970 ug/L		96
61) Bromoform	10.29	173	1765	1.802 ug/L	#	88
62) 1,3-Dichlorobenzene	11.74	146	4994	1.969 ug/L		100
63) 1,4-Dichlorobenzene	11.83	146	5252	2.067 ug/L		94
65) 1,2-Dichlorobenzene	12.21	146	5515	2.152 ug/L		96
66) 1,2-Dibromo-3-chloropropan	12.99	75	907m	1.769 ug/L		
67) 1,3,5-Trichlorobenzene	13.21	180	3601	1.969 ug/L		95
68) 1,2,4-trichlorobenzene	13.83	180	2841	1.830 ug/L		96
69) Naphthalene	14.08	128	7300	1.568 ug/L		95
70) 1,2,3-Trichlorobenzene	14.32	180	3071	1.959 ug/L		90

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072320\
Data File : VU039652.D
Acq On : 23 Jul 2020 21:37
Operator : SY/MD
Sample : MDL06
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 29 15:55:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 24 03:36:18 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Manual Integrations APPROVED
sam
7/30/2020 2:57:21 AM