Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021020\
Data File : VV014548.D
Acq On : 10 Feb 2020 13:45
Operator : SY/MD
Sample : MDL04
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Manual Integrations APPROVED
MMDadoda
2/12/2020 3:06:21 PM

Quant Time: Feb 11 05:07:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 11 04:43:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	328697	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	307769	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	154843	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	71763	40.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.52%			
7) Chloroethane-d5	1.59	69	53207	43.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.62%			
11) 1,1-Dichloroethene-d2	2.13	63	90460	33.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.84%			
21) 2-Butanone-d5	3.92	46	133186	96.79	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.79%			
24) Chloroform-d	4.40	84	198357	48.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.66%			
26) 1,2-Dichloroethane-d4	5.08	65	126187	50.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.78%			
32) Benzene-d6	5.10	84	419491	49.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.44%			
36) 1,2-Dichloropropane-d6	6.11	67	130058	49.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.54%			
41) Toluene-d8	7.36	98	394234	50.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.48%			
43) trans-1,3-Dichloropropene-	7.66	79	69255	49.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.84%			
47) 2-Hexanone-d5	8.13	63	108034	97.17	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.17%			
56) 1,1,2,2-Tetrachloroethane-	10.25	84	173232	51.05	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.10%			
66) 1,2-Dichlorobenzene-d4	11.67	152	153134	51.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	6483	2.462	ug/L	92
3) Chloromethane	1.26	50	5816	2.182	ug/L	94
5) Vinyl chloride	1.33	62	4443	2.176	ug/L #	76
6) Bromomethane	1.54	94	1924	2.049	ug/L	79
8) Chloroethane	1.60	64	2019	1.990	ug/L	91
9) Trichlorofluoromethane	1.77	101	6412	2.331	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3905	2.956	ug/L #	77
12) 1,1-Dichloroethene	2.14	96	3494	2.766	ug/L #	1
13) Acetone	2.19	43	7086	6.151	ug/L	98
14) Carbon disulfide	2.32	76	13066	2.130	ug/L	98
15) Methyl Acetate	2.46	43	3984	1.798	ug/L	99
16) Methylene chloride	2.54	84	6393	2.665	ug/L	92
17) trans-1,2-Dichloroethene	2.79	96	4761	2.139	ug/L	95
18) Methyl tert-butyl Ether	2.80	73	16225	2.302	ug/L	99
19) 1,1-Dichloroethane	3.23	63	9205	2.313	ug/L	97
20) cis-1,2-Dichloroethene	3.97	96	5766	2.302	ug/L	100
22) 2-Butanone	4.03	43	7543m	4.427	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.30	128	2763	2.330 ug/L		95
25) Chloroform	4.42	83	12748	3.150 ug/L		94
27) 1,2-Dichloroethane	5.18	62	6920	2.295 ug/L		95
29) Cyclohexane	4.73	56	8378	2.214 ug/L		97
30) 1,1,1-Trichloroethane	4.66	97	8067	2.297 ug/L		98
31) Carbon tetrachloride	4.88	117	7120m	2.298 ug/L		
33) Benzene	5.15	78	19659	2.173 ug/L		100
34) Trichloroethene	5.96	95	5914	2.466 ug/L		90
35) Methylcyclohexane	6.18	83	9008	2.298 ug/L		99
37) 1,2-Dichloropropane	6.22	63	5665	2.458 ug/L	#	92
38) Bromodichloromethane	6.55	83	6884	2.226 ug/L		86
39) cis-1,3-Dichloropropene	7.07	75	8341	2.170 ug/L		94
40) 4-Methyl-2-pentanone	7.27	43	12187	4.092 ug/L		95
42) Toluene	7.43	91	22985	2.369 ug/L		95
44) trans-1,3-Dichloropropene	7.69	75	7289	2.115 ug/L		98
45) 1,1,2-Trichloroethane	7.88	97	5089	2.302 ug/L		94
46) Tetrachloroethene	8.02	164	3899	2.131 ug/L	#	79
48) 2-Hexanone	8.18	43	10429	4.549 ug/L		94
49) Dibromochloromethane	8.29	129	5688	2.279 ug/L		95
50) 1,2-Dibromoethane	8.40	107	5550	2.318 ug/L	#	85
51) Chlorobenzene	8.92	112	15178	2.395 ug/L		99
52) Ethylbenzene	9.05	91	24807	2.280 ug/L		92
53) m,p-Xylene	9.18	106	9609	2.293 ug/L		92
54) o-Xylene	9.58	106	9255	2.307 ug/L		99
55) Styrene	9.60	104	15531	2.266 ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.28	83	8763	2.529 ug/L	#	97
59) Bromoform	9.77	173	3993	2.312 ug/L	#	97
60) Isopropylbenzene	9.97	105	23811	2.274 ug/L		100
61) 1,2,3-Trichloropropane	10.32	75	6602	2.408 ug/L		97
62) 1,3,5-Trimethylbenzene	10.58	105	20023	2.234 ug/L		100
63) 1,2,4-Trimethylbenzene	10.96	105	18736	2.120 ug/L		99
64) 1,3-Dichlorobenzene	11.22	146	12067	2.443 ug/L		98
65) 1,4-Dichlorobenzene	11.31	146	12451	2.449 ug/L		98
67) 1,2-Dichlorobenzene	11.68	146	11569	2.416 ug/L		93
68) 1,2-Dibromo-3-chloropropan	12.47	75	1692	2.203 ug/L		95
69) 1,3,5-Trichlorobenzene	12.69	180	7795	2.240 ug/L		96
70) 1,2,4-trichlorobenzene	13.31	180	6640	2.078 ug/L		98
71) Naphthalene	13.55	128	21578	2.056 ug/L		97
72) 1,2,3-Trichlorobenzene	13.79	180	6416	2.067 ug/L		99

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

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