Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021720\
Data File : VV014597.D
Acq On : 17 Feb 2020 16:48
Operator : SY/MD
Sample : MDL06
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Manual Integrations APPROVED
MMDadoda
2/24/2020 12:32:54 PM

Quant Time: Feb 18 07:05:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM021720W.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 18 06:41:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	285058	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	266467	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	129510	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	44771	47.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.34%			
7) Chloroethane-d5	1.58	69	35957	49.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.98%			
11) 1,1-Dichloroethene-d2	2.13	63	62528	35.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.34%			
21) 2-Butanone-d5	3.92	46	99393	107.58	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.58%			
24) Chloroform-d	4.40	84	153311	48.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.94%			
26) 1,2-Dichloroethane-d4	5.08	65	101550	51.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.38%			
32) Benzene-d6	5.10	84	315443	51.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.44%			
36) 1,2-Dichloropropane-d6	6.11	67	97139	52.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.42%			
41) Toluene-d8	7.36	98	296435	51.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.14%			
43) trans-1,3-Dichloropropene-	7.66	79	51645	49.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.78%			
47) 2-Hexanone-d5	8.13	63	80436	110.50	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.50%			
56) 1,1,2,2-Tetrachloroethane-	10.25	84	134431	52.30	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.60%			
66) 1,2-Dichlorobenzene-d4	11.67	152	117497	53.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	5157	2.603	ug/L	98
3) Chloromethane	1.26	50	4657	2.897	ug/L	97
5) Vinyl chloride	1.33	62	3317	2.642	ug/L #	78
6) Bromomethane	1.53	94	1573	2.306	ug/L	93
8) Chloroethane	1.60	64	1670	2.635	ug/L	93
9) Trichlorofluoromethane	1.77	101	5778	2.521	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3026	3.178	ug/L #	82
12) 1,1-Dichloroethene	2.14	96	2794	3.113	ug/L #	1
13) Acetone	2.19	43	4181	5.303	ug/L	87
14) Carbon disulfide	2.32	76	11257	2.734	ug/L	97
15) Methyl Acetate	2.46	43	4106	2.744	ug/L #	85
16) Methylene chloride	2.54	84	5222	2.848	ug/L	95
17) trans-1,2-Dichloroethene	2.79	96	4404	2.609	ug/L	93
18) Methyl tert-butyl Ether	2.80	73	14729	2.628	ug/L	97
19) 1,1-Dichloroethane	3.23	63	7750	2.577	ug/L	94
20) cis-1,2-Dichloroethene	3.96	96	5253	2.646	ug/L	95
22) 2-Butanone	4.03	43	5409m	4.505	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	2437	2.490 ug/L #	84
25) Chloroform	4.42	83	12178	3.574 ug/L	97
27) 1,2-Dichloroethane	5.18	62	6106	2.396 ug/L #	94
29) Cyclohexane	4.72	56	6855	2.680 ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	7141	2.399 ug/L	97
31) Carbon tetrachloride	4.88	117	6450	2.430 ug/L	91
33) Benzene	5.15	78	17796	2.585 ug/L	100
34) Trichloroethene	5.96	95	4998	2.662 ug/L	94
35) Methylcyclohexane	6.17	83	7566	2.591 ug/L #	48
37) 1,2-Dichloropropane	6.22	63	4019	2.407 ug/L #	95
38) Bromodichloromethane	6.56	83	6303	2.424 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	7699	2.600 ug/L	95
40) 4-Methyl-2-pentanone	7.27	43	10167	4.869 ug/L	99
42) Toluene	7.43	91	20516	2.705 ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	6960	2.523 ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	4748	2.643 ug/L	96
46) Tetrachloroethene	8.02	164	3927	2.616 ug/L	99
48) 2-Hexanone	8.18	43	9642	5.915 ug/L #	89
49) Dibromochloromethane	8.29	129	5123	2.354 ug/L	99
50) 1,2-Dibromoethane	8.40	107	5149	2.608 ug/L	93
51) Chlorobenzene	8.92	112	13685	2.668 ug/L	98
52) Ethylbenzene	9.05	91	22078	2.533 ug/L	99
53) m,p-Xylene	9.18	106	8853	2.625 ug/L	100
54) o-Xylene	9.58	106	7766	2.391 ug/L	95
55) Styrene	9.60	104	13720	2.481 ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.28	83	8326	2.912 ug/L #	88
59) Bromoform	9.77	173	3723	2.547 ug/L #	93
60) Isopropylbenzene	9.97	105	21131	2.571 ug/L	99
61) 1,2,3-Trichloropropane	10.31	75	6211	2.878 ug/L	97
62) 1,3,5-Trimethylbenzene	10.58	105	16910	2.408 ug/L	95
63) 1,2,4-Trimethylbenzene	10.95	105	16771	2.445 ug/L	100
64) 1,3-Dichlorobenzene	11.22	146	10032	2.547 ug/L	94
65) 1,4-Dichlorobenzene	11.32	146	10970	2.718 ug/L	94
67) 1,2-Dichlorobenzene	11.68	146	10549	2.721 ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.47	75	1847	2.848 ug/L #	81
69) 1,3,5-Trichlorobenzene	12.69	180	6533	2.295 ug/L	97
70) 1,2,4-trichlorobenzene	13.31	180	6090	2.367 ug/L	99
71) Naphthalene	13.55	128	18376	2.333 ug/L	98
72) 1,2,3-Trichlorobenzene	13.79	180	5922	2.358 ug/L	98

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

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