Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102920\
Data File : VV019159.D
Acq On : 29 Oct 2020 20:48
Operator : SY/MD
Sample : MDL05
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA-V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMDadoda
11/2/2020 2:27:07 PM

Quant Time: Nov 01 15:05:11 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	222627	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	212603	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	106819	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	85572	48.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.74%			
7) Chloroethane-d5	1.58	69	69612	50.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.30%			
11) 1,1-Dichloroethene-d2	2.12	63	127457	37.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.74%			
21) 2-Butanone-d5	3.91	46	116001	107.05	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.05%			
24) Chloroform-d	4.38	84	165971	50.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.86%			
26) 1,2-Dichloroethane-d4	5.06	65	120102	52.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.74%			
32) Benzene-d6	5.07	84	314236	52.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.20%			
36) 1,2-Dichloropropane-d6	6.09	67	97388	54.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.32%			
41) Toluene-d8	7.34	98	288848	49.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.72%			
43) trans-1,3-Dichloropropene-	7.64	79	51632	49.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.24%			
47) 2-Hexanone-d5	8.11	63	82700	106.19	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.19%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	124492	51.35	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.70%			
64) 1,2-Dichlorobenzene-d4	11.65	152	118034	52.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	3721	1.904	ug/L	99
3) Chloromethane	1.25	50	4068	2.292	ug/L	92
5) Vinyl chloride	1.32	62	4368	2.403	ug/L #	65
6) Bromomethane	1.53	94	2805	2.304	ug/L	95
8) Chloroethane	1.60	64	2827	2.502	ug/L	85
9) Trichlorofluoromethane	1.77	101	6106	2.016	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3461	2.374	ug/L #	85
12) 1,1-Dichloroethene	2.13	96	4067	2.849	ug/L #	1
13) Acetone	2.20	43	4353	4.324	ug/L	91
14) Carbon disulfide	2.31	76	9421	2.076	ug/L	100
15) Methyl Acetate	2.46	43	4152	2.559	ug/L #	75
16) Methylene chloride	2.52	84	4244	2.618	ug/L	89
17) trans-1,2-Dichloroethene	2.78	96	3261	2.127	ug/L	89
18) Methyl tert-butyl Ether	2.79	73	10959	2.134	ug/L #	88
19) 1,1-Dichloroethane	3.22	63	6289	2.201	ug/L	95
20) cis-1,2-Dichloroethene	3.94	96	3387	2.013	ug/L	84
22) 2-Butanone	4.03	43	4652m	4.243	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.28	128	1801	1.994 ug/L		95
25) Chloroform	4.41	83	7913	2.563 ug/L		96
27) 1,2-Dichloroethane	5.17	62	6295	2.395 ug/L		96
29) Cyclohexane	4.70	56	4182	1.762 ug/L		99
30) 1,1,1-Trichloroethane	4.64	97	5685	1.973 ug/L		97
31) Carbon tetrachloride	4.86	117	5075	1.986 ug/L		89
33) Benzene	5.13	78	12874m	2.100 ug/L		
34) Trichloroethene	5.95	95	3309	1.971 ug/L		95
35) Methylcyclohexane	6.15	83	3777	1.666 ug/L		99
37) 1,2-Dichloropropane	6.21	63	3490	2.293 ug/L	#	85
38) Bromodichloromethane	6.53	83	4529	2.000 ug/L		93
39) cis-1,3-Dichloropropene	7.06	75	5110	2.032 ug/L		87
40) 4-Methyl-2-pentanone	7.25	43	8431	4.015 ug/L		99
42) Toluene	7.41	91	17508	2.605 ug/L		98
44) trans-1,3-Dichloropropene	7.68	75	4778m	1.827 ug/L		
45) 1,1,2-Trichloroethane	7.87	97	3261	2.136 ug/L		94
46) Tetrachloroethene	8.00	164	2565	1.789 ug/L		91
48) 2-Hexanone	8.17	43	9084	5.442 ug/L	#	84
49) Dibromochloromethane	8.27	129	3846	2.081 ug/L		91
50) 1,2-Dibromoethane	8.38	107	3425	2.103 ug/L	#	96
51) Chlorobenzene	8.90	112	8525	1.935 ug/L		99
52) Ethylbenzene	9.04	91	13501	1.823 ug/L		99
53) m,p-Xylene	9.16	106	4826	1.726 ug/L		97
54) o-xylene	9.56	106	4507	1.678 ug/L		99
55) Styrene	9.59	104	7842	1.648 ug/L		95
56) Isopropylbenzene	9.95	105	11977	1.660 ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.26	83	5252	2.259 ug/L	#	98
59) 1,2,3-Trichloropropane	10.29	75	4427	2.225 ug/L		98
61) Bromoform	9.76	173	2630	1.996 ug/L		98
62) 1,3-Dichlorobenzene	11.21	146	6535	1.940 ug/L		95
63) 1,4-Dichlorobenzene	11.30	146	7338	2.096 ug/L		96
65) 1,2-Dichlorobenzene	11.67	146	7420	2.223 ug/L		92
66) 1,2-Dibromo-3-chloropropan	12.46	75	1123	1.966 ug/L		94
67) 1,3,5-Trichlorobenzene	12.67	180	5245	2.115 ug/L		92
68) 1,2,4-trichlorobenzene	13.29	180	4157	1.789 ug/L		99
69) Naphthalene	13.53	128	9914	1.523 ug/L		99
70) 1,2,3-Trichlorobenzene	13.77	180	4273	1.879 ug/L		99

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

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