Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100620\
Data File : VV018689.D
Acq On : 06 Oct 2020 12:56
Operator : SY/MD
Sample : MDL01
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Manual Integrations APPROVED
MMDadoda
10/12/2020 2:00:48 PM

Quant Time: Oct 07 06:31:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM092320W.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 07 05:40:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	238955	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	237386	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	112369	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	81317	54.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 109.70%			
7) Chloroethane-d5	1.58	69	68081	53.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.68%			
11) 1,1-Dichloroethene-d2	2.12	63	121645	39.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.26%			
21) 2-Butanone-d5	3.92	46	92301	86.84	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 86.84%			
24) Chloroform-d	4.37	84	144882	46.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.20%			
26) 1,2-Dichloroethane-d4	5.05	65	99932	51.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.42%			
32) Benzene-d6	5.07	84	281908	47.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.32%			
36) 1,2-Dichloropropane-d6	6.09	67	87541	45.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.84%			
41) Toluene-d8	7.33	98	293157	53.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.16%			
43) trans-1,3-Dichloropropene-	7.64	79	45366	46.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.80%			
47) 2-Hexanone-d5	8.11	63	46942	66.17	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 66.17%			
56) 1,1,2,2-Tetrachloroethane-	10.24	84	90015	36.37	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 72.74%			
66) 1,2-Dichlorobenzene-d4	11.65	152	110365	52.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	3889	2.205	ug/L	98
3) Chloromethane	1.25	50	4336	2.217	ug/L	98
5) Vinyl chloride	1.32	62	5695	2.845	ug/L #	80
6) Bromomethane	1.53	94	3423	2.691	ug/L	99
8) Chloroethane	1.60	64	3046	2.361	ug/L	92
9) Trichlorofluoromethane	1.76	101	7779	2.733	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	5386	3.087	ug/L #	85
12) 1,1-Dichloroethene	2.13	96	4815	2.902	ug/L #	1
13) Acetone	2.20	43	7040m	5.237	ug/L	
14) Carbon disulfide	2.31	76	12947	2.748	ug/L #	95
15) Methyl Acetate	2.46	43	5177	2.918	ug/L #	83
16) Methylene chloride	2.52	84	6246	3.325	ug/L	93
17) trans-1,2-Dichloroethene	2.78	96	3818	2.273	ug/L	96
18) Methyl tert-butyl Ether	2.78	73	11274	2.160	ug/L #	92
19) 1,1-Dichloroethane	3.22	63	7101	2.178	ug/L #	86
20) cis-1,2-Dichloroethene	3.93	96	4496	2.483	ug/L	87
22) 2-Butanone	4.02	43	5765m	4.320	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.28	128	2108	2.174 ug/L		94
25) Chloroform	4.40	83	10112	3.067 ug/L		96
27) 1,2-Dichloroethane	5.16	62	6168	2.415 ug/L	#	92
29) Cyclohexane	4.70	56	6103	2.209 ug/L		98
30) 1,1,1-Trichloroethane	4.64	97	6771	2.319 ug/L		93
31) Carbon tetrachloride	4.85	117	6130	2.408 ug/L		95
33) Benzene	5.13	78	16341	2.298 ug/L		100
34) Trichloroethene	5.94	95	5779	2.957 ug/L		94
35) Methylcyclohexane	6.15	83	4882	1.720 ug/L		88
37) 1,2-Dichloropropane	6.20	63	3937	2.094 ug/L	#	86
38) Bromodichloromethane	6.53	83	5680	2.309 ug/L		99
39) cis-1,3-Dichloropropene	7.05	75	7282	2.582 ug/L		100
40) 4-Methyl-2-pentanone	7.25	43	9272	4.156 ug/L		94
42) Toluene	7.41	91	18818	2.523 ug/L		93
44) trans-1,3-Dichloropropene	7.68	75	7373	2.637 ug/L		98
45) 1,1,2-Trichloroethane	7.86	97	3948	2.230 ug/L		91
46) Tetrachloroethene	8.00	164	3389	2.214 ug/L		92
48) 2-Hexanone	8.16	43	18442	9.753 ug/L		90
49) Dibromochloromethane	8.27	129	4049	2.054 ug/L		90
50) 1,2-Dibromoethane	8.38	107	4237	2.299 ug/L	#	93
51) Chlorobenzene	8.90	112	11578	2.323 ug/L		95
52) Ethylbenzene	9.04	91	17565	2.140 ug/L		99
53) m,p-Xylene	9.16	106	6189	2.019 ug/L		96
54) o-Xylene	9.57	106	6021	2.039 ug/L		98
55) Styrene	9.59	104	9450	1.829 ug/L		91
57) 1,1,2,2-Tetrachloroethane	10.26	83	5144	1.993 ug/L	#	93
59) Bromoform	9.75	173	2540	2.022 ug/L	#	97
60) Isopropylbenzene	9.95	105	15063	2.175 ug/L		99
61) 1,2,3-Trichloropropane	10.30	75	5192	2.663 ug/L		99
62) 1,3,5-Trimethylbenzene	10.56	105	11387	2.031 ug/L		98
63) 1,2,4-Trimethylbenzene	10.94	105	11215	1.948 ug/L		98
64) 1,3-Dichlorobenzene	11.21	146	8324	2.365 ug/L		99
65) 1,4-Dichlorobenzene	11.30	146	9920	2.689 ug/L		96
67) 1,2-Dichlorobenzene	11.66	146	9576	2.706 ug/L		97
68) 1,2-Dibromo-3-chloropropan	12.45	75	1254	2.545 ug/L		89
69) 1,3,5-Trichlorobenzene	12.67	180	6042	2.201 ug/L		98
70) 1,2,4-trichlorobenzene	13.29	180	5096	2.072 ug/L		93
71) Naphthalene	13.53	128	10412	1.632 ug/L		99
72) 1,2,3-Trichlorobenzene	13.77	180	4618	1.868 ug/L		95

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

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