Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102920\
Data File : VV019157.D
Acq On : 29 Oct 2020 20:00
Operator : SY/MD
Sample : MDL03
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA-V/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Manual Integrations APPROVED
MMDadoda
11/2/2020 2:27:28 PM

Quant Time: Oct 30 05:03:32 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	232938	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	226897	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	115554	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	87818	47.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.88%			
7) Chloroethane-d5	1.58	69	70258	48.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.72%			
11) 1,1-Dichloroethene-d2	2.12	63	131349	37.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.60%			
21) 2-Butanone-d5	3.91	46	117972	104.05	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.05%			
24) Chloroform-d	4.38	84	166983	48.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.98%			
26) 1,2-Dichloroethane-d4	5.05	65	121705	50.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.44%			
32) Benzene-d6	5.07	84	320147	49.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.48%			
36) 1,2-Dichloropropane-d6	6.09	67	97205	50.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.30%			
41) Toluene-d8	7.34	98	297917	48.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.36%			
43) trans-1,3-Dichloropropene-	7.64	79	52606	47.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.74%			
47) 2-Hexanone-d5	8.11	63	84043	101.12	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.12%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	125882	48.65	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.30%			
64) 1,2-Dichlorobenzene-d4	11.65	152	125051	51.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.02%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	4593	2.246	ug/L	100
3) Chloromethane	1.25	50	4831	2.601	ug/L	98
5) Vinyl chloride	1.32	62	4980	2.619	ug/L #	60
6) Bromomethane	1.53	94	2992	2.349	ug/L	94
8) Chloroethane	1.60	64	3305	2.795	ug/L	87
9) Trichlorofluoromethane	1.77	101	7390	2.332	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4163	2.729	ug/L	85
12) 1,1-Dichloroethene	2.13	96	4490	3.006	ug/L #	1
13) Acetone	2.20	43	4792	4.549	ug/L	65
14) Carbon disulfide	2.31	76	11548	2.432	ug/L	96
15) Methyl Acetate	2.46	43	4134	2.435	ug/L #	86
16) Methylene chloride	2.53	84	4630	2.730	ug/L	90
17) trans-1,2-Dichloroethene	2.78	96	3835	2.390	ug/L	95
18) Methyl tert-butyl Ether	2.79	73	11787	2.194	ug/L #	89
19) 1,1-Dichloroethane	3.22	63	7316	2.448	ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	4133m	2.347	ug/L	
22) 2-Butanone	4.03	43	4739m	4.131	ug/L	

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.28	128	2155	2.281 ug/L		93
25) Chloroform	4.40	83	9124	2.825 ug/L		98
27) 1,2-Dichloroethane	5.17	62	6982m	2.539 ug/L		
29) Cyclohexane	4.71	56	5126	2.024 ug/L		95
30) 1,1,1-Trichloroethane	4.64	97	6940	2.257 ug/L		97
31) Carbon tetrachloride	4.86	117	5745	2.107 ug/L		92
33) Benzene	5.13	78	14669	2.242 ug/L		100
34) Trichloroethene	5.95	95	3917	2.186 ug/L		91
35) Methylcyclohexane	6.15	83	4572	1.890 ug/L		94
37) 1,2-Dichloropropane	6.20	63	3863	2.378 ug/L	#	94
38) Bromodichloromethane	6.54	83	5735	2.373 ug/L	#	98
39) cis-1,3-Dichloropropene	7.05	75	6425	2.394 ug/L		96
40) 4-Methyl-2-pentanone	7.25	43	9717	4.336 ug/L		99
42) Toluene	7.41	91	21262	2.965 ug/L		94
44) trans-1,3-Dichloropropene	7.68	75	6652m	2.383 ug/L		
45) 1,1,2-Trichloroethane	7.86	97	3863	2.371 ug/L		99
46) Tetrachloroethene	8.00	164	3361	2.196 ug/L		96
48) 2-Hexanone	8.16	43	9884	5.548 ug/L	#	87
49) Dibromochloromethane	8.27	129	4198	2.128 ug/L		96
50) 1,2-Dibromoethane	8.38	107	3893	2.239 ug/L	#	91
51) Chlorobenzene	8.90	112	10703	2.276 ug/L		97
52) Ethylbenzene	9.04	91	16622	2.103 ug/L		97
53) m,p-Xylene	9.16	106	6366	2.133 ug/L		87
54) o-xylene	9.57	106	5684	1.983 ug/L		100
55) Styrene	9.59	104	9961	1.961 ug/L		98
56) Isopropylbenzene	9.95	105	14831	1.926 ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.26	83	5992	2.415 ug/L		99
59) 1,2,3-Trichloropropane	10.30	75	4968	2.339 ug/L		99
61) Bromoform	9.76	173	3698	2.594 ug/L	#	92
62) 1,3-Dichlorobenzene	11.21	146	8316	2.282 ug/L		96
63) 1,4-Dichlorobenzene	11.29	146	9073	2.395 ug/L		95
65) 1,2-Dichlorobenzene	11.67	146	9226	2.555 ug/L		92
66) 1,2-Dibromo-3-chloropropan	12.45	75	1426	2.308 ug/L		98
67) 1,3,5-Trichlorobenzene	12.67	180	6148	2.291 ug/L		96
68) 1,2,4-trichlorobenzene	13.29	180	5241	2.085 ug/L		96
69) Naphthalene	13.53	128	12914	1.834 ug/L		99
70) 1,2,3-Trichlorobenzene	13.77	180	5441	2.212 ug/L		96

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

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