Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110619\
Data File : VV013504.D
Acq On : 06 Nov 2019 17:57
Operator : SY/MD
Sample : MDL07
Misc : 5.0G/5mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Manual Integrations APPROVED
MMDadoda
11/7/2019 10:50:02 AM

Quant Time: Nov 07 03:19:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 07 01:53:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	885663	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	850809	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	398264	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	240158	46.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.62%			
7) Chloroethane-d5	1.58	69	202701	48.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.02%			
11) 1,1-Dichloroethene-d2	2.13	63	333562	36.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.56%			
21) 2-Butanone-d5	3.92	46	387425	101.03	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.03%			
24) Chloroform-d	4.40	84	533621	47.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.80%			
26) 1,2-Dichloroethane-d4	5.08	65	361456	49.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.40%			
32) Benzene-d6	5.10	84	1107572	48.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.62%			
36) 1,2-Dichloropropane-d6	6.11	67	361692	49.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.28%			
41) Toluene-d8	7.36	98	1007147	48.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.48%			
43) trans-1,3-Dichloropropene-	7.66	79	160399	47.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.84%			
47) 2-Hexanone-d5	8.13	63	251824	94.30	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.30%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	426781	46.15	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.30%			
64) 1,2-Dichlorobenzene-d4	11.67	152	404175	50.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	21281	2.887	ug/L	98
3) Chloromethane	1.25	50	20584	2.940	ug/L	95
5) Vinyl chloride	1.32	62	20019	3.060	ug/L #	60
6) Bromomethane	1.53	94	9490	3.023	ug/L	98
8) Chloroethane	1.60	64	10419	2.842	ug/L	98
9) Trichlorofluoromethane	1.77	101	25935	2.986	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	18398	3.761	ug/L	86
12) 1,1-Dichloroethene	2.14	96	16770m	3.592	ug/L	
13) Acetone	2.18	43	19257	5.381	ug/L	97
14) Carbon disulfide	2.32	76	46436	2.842	ug/L	99
15) Methyl Acetate	2.46	43	17976	2.753	ug/L	94
16) Methylene chloride	2.54	84	20940	3.314	ug/L	91
17) trans-1,2-Dichloroethene	2.79	96	17171	2.954	ug/L	93
18) Methyl tert-butyl Ether	2.80	73	50857	2.869	ug/L	97
19) 1,1-Dichloroethane	3.23	63	32364	2.919	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	18932m	2.983	ug/L	
22) 2-Butanone	4.02	43	20312	4.285	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	10047	2.995	ug/L		92
25) Chloroform	4.42	83	61082	5.355	ug/L		92
27) 1,2-Dichloroethane	5.18	62	23304	2.666	ug/L		96
29) Cyclohexane	4.73	56	26651	2.727	ug/L		96
30) 1,1,1-Trichloroethane	4.66	97	27520	2.906	ug/L		98
31) Carbon tetrachloride	4.87	117	22919	2.714	ug/L		95
33) Benzene	5.15	78	75168	3.112	ug/L		100
34) Trichloroethene	5.96	95	20382	3.175	ug/L		95
35) Methylcyclohexane	6.18	83	27444	2.773	ug/L		96
37) 1,2-Dichloropropane	6.22	63	20378m	3.205	ug/L		
38) Bromodichloromethane	6.56	83	23007	2.751	ug/L		97
39) cis-1,3-Dichloropropene	7.07	75	24883	2.576	ug/L		99
40) 4-Methyl-2-pentanone	7.27	43	43172	5.267	ug/L		97
42) Toluene	7.43	91	75343	2.993	ug/L		93
44) trans-1,3-Dichloropropene	7.69	75	22577m	2.686	ug/L		
45) 1,1,2-Trichloroethane	7.88	97	16940	2.845	ug/L		99
46) Tetrachloroethene	8.02	164	15968	2.914	ug/L		92
48) 2-Hexanone	8.18	43	53808	8.312	ug/L	#	91
49) Dibromochloromethane	8.29	129	18095	2.643	ug/L		97
50) 1,2-Dibromoethane	8.40	107	18277	2.925	ug/L	#	98
51) Chlorobenzene	8.92	112	49428	2.954	ug/L		99
52) Ethylbenzene	9.05	91	72338	2.648	ug/L		99
53) m,p-Xylene	9.18	106	25699	2.479	ug/L		96
54) o-xylene	9.59	106	25811	2.596	ug/L		98
55) Styrene	9.60	104	41427	2.410	ug/L		98
56) Isopropylbenzene	9.97	105	64025	2.452	ug/L		97
58) 1,1,2,2-Tetrachloroethane	10.28	83	27597	3.070	ug/L		95
59) 1,2,3-Trichloropropane	10.32	75	22392	2.991	ug/L		97
61) Bromoform	9.77	173	13476	2.886	ug/L		98
62) 1,3-Dichlorobenzene	11.22	146	36828	3.051	ug/L		99
63) 1,4-Dichlorobenzene	11.31	146	38424	3.073	ug/L		98
65) 1,2-Dichlorobenzene	11.68	146	39038	3.230	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.47	75	5518	3.309	ug/L	#	91
67) 1,3,5-Trichlorobenzene	12.69	180	27583	2.925	ug/L		97
68) 1,2,4-trichlorobenzene	13.31	180	22833m	2.764	ug/L		
69) Naphthalene	13.55	128	49722m	2.252	ug/L		
70) 1,2,3-Trichlorobenzene	13.79	180	22703	2.588	ug/L		97

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

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