Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081319\
Data File : VU033788.D
Acq On : 13 Aug 2019 17:56
Operator : JC/SP
Sample : MDL07
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 14 04:47:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM081319W.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 14 04:23:45 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Manual Integrations APPROVED
MMDadoda
8/14/2019 10:44:58 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	413701	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	405394	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	192778	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	177201	45.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.20%			
7) Chloroethane-d5	1.67	69	154174	42.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.26%			
11) 1,1-Dichloroethene-d2	2.26	63	233779	36.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.86%			
21) 2-Butanone-d5	4.15	46	206735	94.58	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.58%			
24) Chloroform-d	4.62	84	279406	45.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.06%			
26) 1,2-Dichloroethane-d4	5.29	65	181682	47.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.66%			
32) Benzene-d6	5.32	84	574537	49.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.94%			
36) 1,2-Dichloropropane-d6	6.31	67	182664	48.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.34%			
41) Toluene-d8	7.55	98	510975	47.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.36%			
43) trans-1,3-Dichloropropene-	7.83	79	83201	46.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.90%			
47) 2-Hexanone-d5	8.29	63	150825	100.43	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.43%			
56) 1,1,2,2-Tetrachloroethane-	10.41	84	249917	46.66	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.32%			
66) 1,2-Dichlorobenzene-d4	11.84	152	197697	50.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	10219	2.478	ug/L	96
3) Chloromethane	1.32	50	11001	2.569	ug/L	94
5) Vinyl chloride	1.39	62	12707	2.741	ug/L #	69
6) Bromomethane	1.62	94	8438	2.479	ug/L	97
8) Chloroethane	1.69	64	7669	2.314	ug/L	98
9) Trichlorofluoromethane	1.87	101	15401	2.585	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	9480	3.251	ug/L	86
12) 1,1-Dichloroethene	2.27	96	9385	3.271	ug/L #	1
13) Acetone	2.31	43	8946	4.493	ug/L	99
14) Carbon disulfide	2.46	76	24491	2.697	ug/L	96
15) Methyl Acetate	2.60	43	8258	2.481	ug/L	93
16) Methylene chloride	2.68	84	9367	2.860	ug/L	94
17) trans-1,2-Dichloroethene	2.96	96	7700	2.579	ug/L	96
18) Methyl tert-butyl Ether	2.98	73	21366	2.407	ug/L	96
19) 1,1-Dichloroethane	3.42	63	15193	2.648	ug/L	97
20) cis-1,2-Dichloroethene	4.20	96	8220	2.507	ug/L	93
22) 2-Butanone	4.26	43	10947m	4.526	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.53	128	4616	2.717 ug/L		86
25) Chloroform	4.65	83	17607	2.953 ug/L		99
27) 1,2-Dichloroethane	5.39	62	13099	2.828 ug/L		98
29) Cyclohexane	4.97	56	10787	2.421 ug/L		99
30) 1,1,1-Trichloroethane	4.89	97	12969	2.608 ug/L		95
31) Carbon tetrachloride	5.11	117	11197	2.535 ug/L	#	56
33) Benzene	5.37	78	32020	2.582 ug/L		100
34) Trichloroethene	6.17	95	8711	2.651 ug/L		88
35) Methylcyclohexane	6.40	83	12520	2.614 ug/L		92
37) 1,2-Dichloropropane	6.41	63	9022	2.670 ug/L		99
38) Bromodichloromethane	6.74	83	10901	2.500 ug/L		96
39) cis-1,3-Dichloropropene	7.25	75	11205	2.246 ug/L		93
40) 4-Methyl-2-pentanone	7.45	43	19207	4.568 ug/L		98
42) Toluene	7.62	91	33368	2.547 ug/L		95
44) trans-1,3-Dichloropropene	7.86	75	10892	2.397 ug/L		97
45) 1,1,2-Trichloroethane	8.05	97	7779	2.439 ug/L		98
46) Tetrachloroethene	8.21	164	6803	2.640 ug/L		96
48) 2-Hexanone	8.35	43	21211	6.590 ug/L		98
49) Dibromochloromethane	8.46	129	9003	2.528 ug/L		96
50) 1,2-Dibromoethane	8.57	107	8921	2.666 ug/L	#	91
51) Chlorobenzene	9.10	112	21965	2.577 ug/L		96
52) Ethylbenzene	9.23	91	32763	2.377 ug/L		99
53) m,p-Xylene	9.36	106	11578	2.247 ug/L		94
54) o-xylene	9.76	106	10944	2.159 ug/L		93
55) Styrene	9.78	104	18296	2.126 ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.44	83	14373	2.694 ug/L	#	90
59) Bromoform	9.94	173	6249	2.537 ug/L	#	95
60) 1,2,3-Trichloropropane	10.48	75	10645	2.744 ug/L		99
61) Isopropylbenzene	10.15	105	27888	2.337 ug/L		98
62) 1,3,5-Trimethylbenzene	10.76	105	20394	2.117 ug/L		96
63) 1,2,4-Trimethylbenzene	11.13	105	19787	2.070 ug/L		97
64) 1,3-Dichlorobenzene	11.40	146	16350	2.731 ug/L		98
65) 1,4-Dichlorobenzene	11.49	146	17566	2.863 ug/L		96
67) 1,2-Dichlorobenzene	11.86	146	17293	2.842 ug/L		95
68) 1,2-Dibromo-3-chloropropan	12.64	75	2739	2.532 ug/L		92
69) 1,3,5-Trichlorobenzene	12.88	180	11637	2.573 ug/L		97
70) 1,2,4-trichlorobenzene	13.49	180	7975	2.126 ug/L		93
71) Naphthalene	13.74	128	17927m	1.606 ug/L		
72) 1,2,3-Trichlorobenzene	13.98	180	8890	2.261 ug/L		97

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

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