Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110619\
Data File : VV013500.D
Acq On : 06 Nov 2019 16:00
Operator : SY/MD
Sample : MDL03
Misc : 5.0G/5mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 07 03:06:15 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

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Manual Integrations APPROVED
MMDadoda
11/7/2019 10:49:42 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	886618	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	849856	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	391047	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	254229	48.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.94%			
7) Chloroethane-d5	1.58	69	210262	49.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.50%			
11) 1,1-Dichloroethene-d2	2.13	63	339436	37.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.76%			
21) 2-Butanone-d5	3.92	46	450341	117.31	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.31%			
24) Chloroform-d	4.40	84	552144	48.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.98%			
26) 1,2-Dichloroethane-d4	5.08	65	380709	51.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.52%			
32) Benzene-d6	5.10	84	1164751	51.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.78%			
36) 1,2-Dichloropropane-d6	6.11	67	381412	51.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.74%			
41) Toluene-d8	7.36	98	1042996	50.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.02%			
43) trans-1,3-Dichloropropene-	7.66	79	168743	49.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.88%			
47) 2-Hexanone-d5	8.13	63	275635	103.34	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.34%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	457536	49.53	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.06%			
64) 1,2-Dichlorobenzene-d4	11.67	152	422747	54.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.46%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	16554	2.243	ug/L	99
3) Chloromethane	1.25	50	17884	2.551	ug/L	94
5) Vinyl chloride	1.32	62	17387m	2.655	ug/L	
6) Bromomethane	1.53	94	7981m	2.540	ug/L	
8) Chloroethane	1.60	64	10142	2.764	ug/L	99
9) Trichlorofluoromethane	1.77	101	21715	2.498	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	14508	2.963	ug/L	85
12) 1,1-Dichloroethene	2.14	96	14965m	3.202	ug/L	
13) Acetone	2.19	43	18189	5.077	ug/L	97
14) Carbon disulfide	2.32	76	40342	2.466	ug/L	99
15) Methyl Acetate	2.46	43	16923	2.589	ug/L	97
16) Methylene chloride	2.54	84	16856	2.665	ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	14119	2.426	ug/L	98
18) Methyl tert-butyl Ether	2.80	73	40016	2.255	ug/L	99
19) 1,1-Dichloroethane	3.23	63	25735	2.319	ug/L	96
20) cis-1,2-Dichloroethene	3.96	96	15596m	2.454	ug/L	
22) 2-Butanone	4.02	43	20657m	4.353	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.30	128	8118	2.417 ug/L		94
25) Chloroform	4.42	83	46910	4.108 ug/L		97
27) 1,2-Dichloroethane	5.18	62	20850	2.383 ug/L	#	94
29) Cyclohexane	4.73	56	21610	2.213 ug/L	#	91
30) 1,1,1-Trichloroethane	4.65	97	21279	2.250 ug/L		95
31) Carbon tetrachloride	4.87	117	19350m	2.294 ug/L		
33) Benzene	5.15	78	54407	2.255 ug/L		100
34) Trichloroethene	5.96	95	15850	2.472 ug/L		95
35) Methylcyclohexane	6.17	83	22437	2.270 ug/L		98
37) 1,2-Dichloropropane	6.22	63	14162	2.230 ug/L	#	97
38) Bromodichloromethane	6.56	83	19560	2.342 ug/L		92
39) cis-1,3-Dichloropropene	7.07	75	21961m	2.276 ug/L		
40) 4-Methyl-2-pentanone	7.27	43	35953	4.391 ug/L		96
42) Toluene	7.43	91	60484	2.405 ug/L		99
44) trans-1,3-Dichloropropene	7.69	75	20404m	2.430 ug/L		
45) 1,1,2-Trichloroethane	7.88	97	14434	2.427 ug/L		97
46) Tetrachloroethene	8.02	164	12973	2.370 ug/L		97
48) 2-Hexanone	8.18	43	46366	7.171 ug/L		97
49) Dibromochloromethane	8.29	129	15509	2.268 ug/L		100
50) 1,2-Dibromoethane	8.40	107	15146	2.427 ug/L		97
51) Chlorobenzene	8.92	112	38159	2.283 ug/L		95
52) Ethylbenzene	9.05	91	56018	2.053 ug/L		100
53) m,p-Xylene	9.18	106	21541	2.080 ug/L		97
54) o-xylene	9.59	106	19362	1.949 ug/L		94
55) Styrene	9.60	104	32235	1.877 ug/L		95
56) Isopropylbenzene	9.97	105	49917	1.914 ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.28	83	21768	2.424 ug/L	#	92
59) 1,2,3-Trichloropropane	10.31	75	18350	2.454 ug/L		97
61) Bromoform	9.77	173	11064	2.413 ug/L		96
62) 1,3-Dichlorobenzene	11.23	146	29046	2.451 ug/L		95
63) 1,4-Dichlorobenzene	11.32	146	31494	2.566 ug/L		94
65) 1,2-Dichlorobenzene	11.68	146	30977	2.610 ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.47	75	3900	2.382 ug/L	#	78
67) 1,3,5-Trichlorobenzene	12.69	180	22371	2.416 ug/L		96
68) 1,2,4-trichlorobenzene	13.31	180	19702m	2.429 ug/L		
69) Naphthalene	13.55	128	48210m	2.224 ug/L		
70) 1,2,3-Trichlorobenzene	13.79	180	20063m	2.329 ug/L		

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

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