Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072320\
Data File : VU039653.D
Acq On : 23 Jul 2020 22:00
Operator : SY/MD
Sample : MDL07
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Manual Integrations APPROVED
sam
7/30/2020 2:57:11 AM

Quant Time: Jul 28 09:34:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jul 27 06:24:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	192533	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	182368	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	85051	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	51597	41.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.32%			
7) Chloroethane-d5	1.92	69	62102	41.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.68%			
11) 1,1-Dichloroethene-d2	2.58	63	87831	33.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.20%			
21) 2-Butanone-d5	4.65	46	130478	90.17	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.17%			
24) Chloroform-d	5.08	84	122286	43.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.76%			
26) 1,2-Dichloroethane-d4	5.72	65	88163	43.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.54%			
32) Benzene-d6	5.75	84	233801	46.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.34%			
36) 1,2-Dichloropropane-d6	6.71	67	75705	45.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.18%			
41) Toluene-d8	7.91	98	210662	44.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.42%			
43) trans-1,3-Dichloropropene-	8.19	79	36529	43.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.16%			
47) 2-Hexanone-d5	8.64	63	83433	92.11	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.11%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	112669	42.85	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.70%			
64) 1,2-Dichlorobenzene-d4	12.19	152	84672	45.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.06%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	2505	1.910	ug/L	98
3) Chloromethane	1.53	50	2806	2.059	ug/L	100
5) Vinyl chloride	1.61	62	3010	2.174	ug/L #	76
6) Bromomethane	1.87	94	2552	2.453	ug/L	84
8) Chloroethane	1.94	64	2684	2.180	ug/L	99
9) Trichlorofluoromethane	2.15	101	4365	1.784	ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2979	2.529	ug/L #	59
12) 1,1-Dichloroethene	2.59	96	2668	2.429	ug/L #	1
13) Acetone	2.65	43	3535	3.671	ug/L	70
14) Carbon disulfide	2.81	76	6836	1.945	ug/L	99
15) Methyl Acetate	2.97	43	3472	2.013	ug/L #	87
16) Methylene chloride	3.06	84	2759	2.098	ug/L	96
17) trans-1,2-Dichloroethene	3.37	96	2253	1.843	ug/L	85
18) Methyl tert-butyl Ether	3.39	73	7234	1.832	ug/L #	91
19) 1,1-Dichloroethane	3.89	63	4806	2.015	ug/L #	89
20) cis-1,2-Dichloroethene	4.69	96	2540	1.819	ug/L	90
22) 2-Butanone	4.75	43	5514m	4.063	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.99	128	1270m	1.809	ug/L		
25) Chloroform	5.11	83	9735	3.680	ug/L		95
27) 1,2-Dichloroethane	5.81	62	4331	1.974	ug/L	#	91
29) Cyclohexane	5.41	56	4107	2.073	ug/L	#	69
30) 1,1,1-Trichloroethane	5.34	97	4259	1.951	ug/L		95
31) Carbon tetrachloride	5.55	117	3936	2.173	ug/L	#	79
33) Benzene	5.79	78	10274	2.044	ug/L		100
34) Trichloroethene	6.56	95	2815	2.117	ug/L		88
35) Methylcyclohexane	6.78	83	3972	1.932	ug/L		94
37) 1,2-Dichloropropane	6.81	63	2684	1.972	ug/L	#	89
38) Bromodichloromethane	7.12	83	3344	1.850	ug/L		88
39) cis-1,3-Dichloropropene	7.62	75	4014	1.974	ug/L		99
40) 4-Methyl-2-pentanone	7.80	43	8660	3.653	ug/L		97
42) Toluene	7.98	91	9985	1.806	ug/L		99
44) trans-1,3-Dichloropropene	8.21	75	3862	1.939	ug/L	#	80
45) 1,1,2-Trichloroethane	8.41	97	2670	2.058	ug/L		85
46) Tetrachloroethene	8.56	164	1914	1.903	ug/L		81
48) 2-Hexanone	8.69	43	11412	5.908	ug/L		99
49) Dibromochloromethane	8.82	129	2472	1.687	ug/L		98
50) 1,2-Dibromoethane	8.93	107	2767	1.917	ug/L	#	99
51) Chlorobenzene	9.45	112	6218	1.763	ug/L		89
52) Ethylbenzene	9.57	91	11341	1.857	ug/L		95
53) m,p-Xylene	9.69	106	4002	1.738	ug/L		98
54) o-xylene	10.10	106	3820	1.729	ug/L		82
55) Styrene	10.12	104	5721	1.496	ug/L		96
56) Isopropylbenzene	10.48	105	10780	1.797	ug/L		97
58) 1,1,2,2-Tetrachloroethane	10.78	83	4236	1.791	ug/L	#	98
59) 1,2,3-Trichloropropane	10.82	75	3278	1.660	ug/L		94
61) Bromoform	10.29	173	1653	1.643	ug/L	#	90
62) 1,3-Dichlorobenzene	11.74	146	4902	1.882	ug/L		95
63) 1,4-Dichlorobenzene	11.83	146	5376	2.060	ug/L		95
65) 1,2-Dichlorobenzene	12.21	146	5576	2.118	ug/L		96
66) 1,2-Dibromo-3-chloropropan	12.99	75	827m	1.570	ug/L		
67) 1,3,5-Trichlorobenzene	13.21	180	3375	1.796	ug/L		98
68) 1,2,4-trichlorobenzene	13.83	180	3036	1.904	ug/L		90
69) Naphthalene	14.08	128	7522	1.573	ug/L	#	94
70) 1,2,3-Trichlorobenzene	14.32	180	2760	1.713	ug/L		97

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

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