Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102920\
Data File : VV019161.D
Acq On : 29 Oct 2020 21:35
Operator : SY/MD
Sample : MDL07
Misc : 5.0g/5.0ml/100uL/5.0ml/MSVOA-V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL07

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

Quant Time: Nov 01 15:07:35 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	219447	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	211618	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	106006	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	83723	48.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.02%			
7) Chloroethane-d5	1.58	69	67990	50.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.38%			
11) 1,1-Dichloroethene-d2	2.12	63	123875	37.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.68%			
21) 2-Butanone-d5	3.91	46	116527	109.09	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.09%			
24) Chloroform-d	4.38	84	163499	50.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.80%			
26) 1,2-Dichloroethane-d4	5.06	65	119903	53.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.08%			
32) Benzene-d6	5.07	84	311750	51.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.86%			
36) 1,2-Dichloropropane-d6	6.09	67	94935	53.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.08%			
41) Toluene-d8	7.34	98	280984	48.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.46%			
43) trans-1,3-Dichloropropene-	7.64	79	52056	50.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.52%			
47) 2-Hexanone-d5	8.11	63	81391	105.00	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.00%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	126223	52.30	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.60%			
64) 1,2-Dichlorobenzene-d4	11.65	152	117381	52.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	3712	1.926	ug/L	99
3) Chloromethane	1.25	50	3626	2.072	ug/L	89
5) Vinyl chloride	1.32	62	3775	2.107	ug/L #	41
6) Bromomethane	1.53	94	2636	2.197	ug/L	99
8) Chloroethane	1.60	64	2625	2.357	ug/L	96
9) Trichlorofluoromethane	1.77	101	5749	1.925	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3520	2.450	ug/L #	81
12) 1,1-Dichloroethene	2.13	96	3606	2.562	ug/L #	1
13) Acetone	2.20	43	3909	3.939	ug/L	92
14) Carbon disulfide	2.31	76	8772	1.961	ug/L	95
15) Methyl Acetate	2.46	43	3602m	2.252	ug/L	
16) Methylene chloride	2.52	84	3979	2.490	ug/L	95
17) trans-1,2-Dichloroethene	2.78	96	3143	2.079	ug/L	94
18) Methyl tert-butyl Ether	2.78	73	10265	2.028	ug/L	99
19) 1,1-Dichloroethane	3.22	63	6063	2.153	ug/L	93
20) cis-1,2-Dichloroethene	3.95	96	3484m	2.100	ug/L	
22) 2-Butanone	4.02	43	4736m	4.382	ug/L	

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.28	128	1730	1.943 ug/L		92
25) Chloroform	4.40	83	7887	2.592 ug/L		99
27) 1,2-Dichloroethane	5.17	62	5906m	2.280 ug/L		
29) Cyclohexane	4.70	56	3637	1.539 ug/L	#	81
30) 1,1,1-Trichloroethane	4.64	97	5535	1.930 ug/L		98
31) Carbon tetrachloride	4.86	117	4723	1.857 ug/L		97
33) Benzene	5.13	78	12438	2.039 ug/L		100
34) Trichloroethene	5.95	95	3379m	2.022 ug/L		
35) Methylcyclohexane	6.15	83	4194m	1.859 ug/L		
37) 1,2-Dichloropropane	6.21	63	3380	2.231 ug/L	#	89
38) Bromodichloromethane	6.54	83	4850	2.152 ug/L		98
39) cis-1,3-Dichloropropene	7.06	75	5271m	2.106 ug/L		
40) 4-Methyl-2-pentanone	7.25	43	8580	4.105 ug/L		96
42) Toluene	7.41	91	16876	2.523 ug/L		99
44) trans-1,3-Dichloropropene	7.68	75	5487m	2.108 ug/L		
45) 1,1,2-Trichloroethane	7.86	97	3305	2.175 ug/L		91
46) Tetrachloroethene	8.00	164	2534	1.775 ug/L		91
48) 2-Hexanone	8.16	43	8456	5.090 ug/L		93
49) Dibromochloromethane	8.27	129	3686	2.003 ug/L		86
50) 1,2-Dibromoethane	8.38	107	3306	2.039 ug/L	#	98
51) Chlorobenzene	8.90	112	8536	1.947 ug/L		98
52) Ethylbenzene	9.04	91	13200	1.791 ug/L		100
53) m,p-Xylene	9.17	106	5143	1.847 ug/L		87
54) o-xylene	9.57	106	4535	1.697 ug/L		84
55) Styrene	9.59	104	7348	1.551 ug/L		100
56) Isopropylbenzene	9.95	105	11380	1.584 ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.26	83	5422	2.343 ug/L	#	90
59) 1,2,3-Trichloropropane	10.30	75	3982m	2.010 ug/L		
61) Bromoform	9.76	173	2802	2.143 ug/L	#	91
62) 1,3-Dichlorobenzene	11.21	146	6661	1.992 ug/L		96
63) 1,4-Dichlorobenzene	11.30	146	7520	2.164 ug/L		97
65) 1,2-Dichlorobenzene	11.67	146	7231	2.183 ug/L		95
66) 1,2-Dibromo-3-chloropropan	12.45	75	1288	2.273 ug/L		92
67) 1,3,5-Trichlorobenzene	12.67	180	4819	1.958 ug/L		97
68) 1,2,4-trichlorobenzene	13.29	180	4182	1.813 ug/L		96
69) Naphthalene	13.53	128	9439	1.461 ug/L		98
70) 1,2,3-Trichlorobenzene	13.77	180	4134	1.832 ug/L		93

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

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