Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102920\
Data File : VV019160.D
Acq On : 29 Oct 2020 21:12
Operator : SY/MD
Sample : MDL06
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA-V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 01 15:06:30 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

Instrument : MSVOA_V
ClientSampleId : MDL06

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	222265	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	210106	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	107855	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	84169	47.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.30%			
7) Chloroethane-d5	1.58	69	67201	48.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.94%			
11) 1,1-Dichloroethene-d2	2.12	63	125324	37.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.60%			
21) 2-Butanone-d5	3.91	46	111544	103.11	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.11%			
24) Chloroform-d	4.38	84	163317	49.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.42%			
26) 1,2-Dichloroethane-d4	5.06	65	117822	51.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.92%			
32) Benzene-d6	5.07	84	311833	52.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.64%			
36) 1,2-Dichloropropane-d6	6.09	67	95410	53.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.38%			
41) Toluene-d8	7.34	98	284961	49.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.54%			
43) trans-1,3-Dichloropropene-	7.64	79	52661	51.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.42%			
47) 2-Hexanone-d5	8.11	63	81991	106.54	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.54%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	123019	51.34	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.68%			
64) 1,2-Dichlorobenzene-d4	11.65	152	120431	53.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	3525	1.806	ug/L	99
3) Chloromethane	1.25	50	3806	2.148	ug/L	91
5) Vinyl chloride	1.32	62	4341	2.392	ug/L #	65
6) Bromomethane	1.53	94	2765	2.275	ug/L	95
8) Chloroethane	1.60	64	2676	2.372	ug/L	92
9) Trichlorofluoromethane	1.77	101	5773	1.909	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3516	2.416	ug/L	89
12) 1,1-Dichloroethene	2.13	96	3989	2.799	ug/L #	1
13) Acetone	2.19	43	3793m	3.774	ug/L	
14) Carbon disulfide	2.31	76	9457	2.087	ug/L	98
15) Methyl Acetate	2.45	43	3661	2.260	ug/L #	90
16) Methylene chloride	2.53	84	4049	2.502	ug/L	91
17) trans-1,2-Dichloroethene	2.78	96	3101	2.026	ug/L	88
18) Methyl tert-butyl Ether	2.78	73	10543	2.057	ug/L	98
19) 1,1-Dichloroethane	3.21	63	6096	2.137	ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	3443	2.049	ug/L	77
22) 2-Butanone	4.03	43	4186m	3.824	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.29	128	1665	1.847 ug/L #	92
25) Chloroform	4.41	83	8026	2.604 ug/L	96
27) 1,2-Dichloroethane	5.17	62	5620	2.142 ug/L	96
29) Cyclohexane	4.70	56	3833	1.634 ug/L #	83
30) 1,1,1-Trichloroethane	4.64	97	5616	1.972 ug/L	96
31) Carbon tetrachloride	4.86	117	4655m	1.844 ug/L	
33) Benzene	5.13	78	13148	2.170 ug/L	100
34) Trichloroethene	5.95	95	3528	2.126 ug/L	97
35) Methylcyclohexane	6.15	83	4118	1.838 ug/L #	86
37) 1,2-Dichloropropane	6.20	63	3597	2.391 ug/L #	85
38) Bromodichloromethane	6.54	83	4633	2.070 ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	5299	2.132 ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	8336	4.017 ug/L	96
42) Toluene	7.41	91	17519	2.638 ug/L	99
44) trans-1,3-Dichloropropene	7.68	75	4940	1.911 ug/L	89
45) 1,1,2-Trichloroethane	7.87	97	3033	2.010 ug/L	97
46) Tetrachloroethene	8.00	164	2746	1.938 ug/L	94
48) 2-Hexanone	8.17	43	8569	5.195 ug/L #	86
49) Dibromochloromethane	8.27	129	3704	2.028 ug/L	99
50) 1,2-Dibromoethane	8.38	107	3428	2.129 ug/L #	98
51) Chlorobenzene	8.90	112	8841	2.031 ug/L	94
52) Ethylbenzene	9.04	91	13746	1.878 ug/L	98
53) m,p-Xylene	9.16	106	5007	1.812 ug/L	98
54) o-xylene	9.57	106	4819	1.816 ug/L	97
55) Styrene	9.59	104	7792	1.657 ug/L	87
56) Isopropylbenzene	9.95	105	11584	1.624 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	5288	2.302 ug/L #	97
59) 1,2,3-Trichloropropane	10.30	75	4192	2.132 ug/L	99
61) Bromoform	9.76	173	2849	2.141 ug/L #	93
62) 1,3-Dichlorobenzene	11.21	146	6677	1.963 ug/L	97
63) 1,4-Dichlorobenzene	11.29	146	7767	2.197 ug/L	90
65) 1,2-Dichlorobenzene	11.67	146	7637	2.266 ug/L #	88
66) 1,2-Dibromo-3-chloropropan	12.45	75	1023	1.774 ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	4913	1.962 ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	4599	1.960 ug/L	93
69) Naphthalene	13.53	128	10270	1.563 ug/L #	89
70) 1,2,3-Trichlorobenzene	13.77	180	3969	1.729 ug/L	88

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

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