Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102820\
Data File : VV019139.D
Acq On : 28 Oct 2020 17:10
Operator : SY/MD
Sample : MDL04
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL04

Manual Integrations APPROVED
MMDadoda
10/29/2020 2:58:22 PM

Quant Time: Oct 29 03:55:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 29 03:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	225843	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	219882	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	114243	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	74401	36.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.52%			
7) Chloroethane-d5	1.58	69	63301	38.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 76.66%			
11) 1,1-Dichloroethene-d2	2.12	63	123649	32.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.36%			
21) 2-Butanone-d5	3.91	46	107344	77.79	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 77.79%			
24) Chloroform-d	4.37	84	159922	44.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.14%			
26) 1,2-Dichloroethane-d4	5.05	65	114749	47.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.12%			
32) Benzene-d6	5.07	84	298897	44.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.88%			
36) 1,2-Dichloropropane-d6	6.09	67	90545	41.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 83.12%			
41) Toluene-d8	7.34	98	275841	45.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.72%			
43) trans-1,3-Dichloropropene-	7.64	79	49244	44.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.22%			
47) 2-Hexanone-d5	8.11	63	81593	86.13	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.13%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	118844	40.99	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 81.98%			
64) 1,2-Dichlorobenzene-d4	11.65	152	117983	49.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	4045	2.299	ug/L	90
3) Chloromethane	1.25	50	4593	2.099	ug/L	93
5) Vinyl chloride	1.32	62	4684	2.173	ug/L #	67
6) Bromomethane	1.53	94	3010	2.441	ug/L	92
8) Chloroethane	1.60	64	3406	2.520	ug/L	95
9) Trichlorofluoromethane	1.77	101	7570	2.670	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4108	2.725	ug/L #	87
12) 1,1-Dichloroethene	2.13	96	4538	3.008	ug/L #	1
13) Acetone	2.19	43	4572	4.889	ug/L	76
14) Carbon disulfide	2.31	76	10211	2.053	ug/L	97
15) Methyl Acetate	2.45	43	4262	2.169	ug/L	99
16) Methylene chloride	2.52	84	4682	2.663	ug/L	81
17) trans-1,2-Dichloroethene	2.78	96	3918	2.458	ug/L	87
18) Methyl tert-butyl Ether	2.79	73	13474	2.607	ug/L	97
19) 1,1-Dichloroethane	3.21	63	7558	2.348	ug/L	93
20) cis-1,2-Dichloroethene	3.95	96	4267	2.503	ug/L	87
22) 2-Butanone	4.03	43	4533m	3.536	ug/L	

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
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QLast Update : Thu Oct 29 03:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	2215	2.553 ug/L	81
25) Chloroform	4.40	83	9164	2.890 ug/L	98
27) 1,2-Dichloroethane	5.16	62	7499	2.850 ug/L	97
29) Cyclohexane	4.70	56	4892	1.859 ug/L #	85
30) 1,1,1-Trichloroethane	4.64	97	7524	2.748 ug/L	94
31) Carbon tetrachloride	4.86	117	6191	2.594 ug/L	98
33) Benzene	5.13	78	15659	2.326 ug/L	100
34) Trichloroethene	5.94	95	4251	2.499 ug/L	98
35) Methylcyclohexane	6.16	83	4251	1.827 ug/L	96
37) 1,2-Dichloropropane	6.20	63	4034	2.177 ug/L #	94
38) Bromodichloromethane	6.54	83	5814	2.480 ug/L	89
39) cis-1,3-Dichloropropene	7.05	75	6702	2.447 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	10040	4.016 ug/L	96
42) Toluene	7.41	91	17436	2.524 ug/L	93
44) trans-1,3-Dichloropropene	7.68	75	6552m	2.411 ug/L	
45) 1,1,2-Trichloroethane	7.87	97	4036	2.466 ug/L	97
46) Tetrachloroethene	8.00	164	3550	2.720 ug/L	97
48) 2-Hexanone	8.16	43	8810	4.567 ug/L #	95
49) Dibromochloromethane	8.27	129	4581	2.561 ug/L	100
50) 1,2-Dibromoethane	8.38	107	4422	2.604 ug/L	95
51) Chlorobenzene	8.90	112	11850	2.674 ug/L	98
52) Ethylbenzene	9.04	91	17467	2.338 ug/L	99
53) m,p-Xylene	9.16	106	6175	2.258 ug/L	97
54) o-xylene	9.57	106	5902	2.241 ug/L	87
55) Styrene	9.59	104	9765	2.090 ug/L	99
56) Isopropylbenzene	9.96	105	15700	2.267 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	6137	2.279 ug/L #	95
59) 1,2,3-Trichloropropane	10.30	75	5096	2.352 ug/L	98
61) Bromoform	9.76	173	3497	2.718 ug/L #	38
62) 1,3-Dichlorobenzene	11.21	146	8336	2.432 ug/L	96
63) 1,4-Dichlorobenzene	11.30	146	9926	2.771 ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	9620	2.783 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	1427	2.337 ug/L	93
67) 1,3,5-Trichlorobenzene	12.67	180	6367	2.720 ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	6075	2.752 ug/L	94
69) Naphthalene	13.53	128	12352	1.816 ug/L	96
70) 1,2,3-Trichlorobenzene	13.77	180	5600	2.504 ug/L	95

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

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