Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102820\
Data File : VV019142.D
Acq On : 28 Oct 2020 18:45
Operator : SY/MD
Sample : MDL07
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Manual Integrations APPROVED
MMDadoda
10/29/2020 2:58:38 PM

Quant Time: Oct 29 07:44:17 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	213420	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	205691	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	104221	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	71526	36.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.78%			
7) Chloroethane-d5	1.58	69	63234	40.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.04%			
11) 1,1-Dichloroethene-d2	2.12	63	119269	32.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.70%			
21) 2-Butanone-d5	3.92	46	113123	86.76	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 86.76%			
24) Chloroform-d	4.38	84	156011	46.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.02%			
26) 1,2-Dichloroethane-d4	5.06	65	114798	50.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.70%			
32) Benzene-d6	5.07	84	290485	46.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.34%			
36) 1,2-Dichloropropane-d6	6.09	67	88969	43.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.30%			
41) Toluene-d8	7.34	98	261212	46.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.86%			
43) trans-1,3-Dichloropropene-	7.64	79	47505	45.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.98%			
47) 2-Hexanone-d5	8.11	63	80351	90.67	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.67%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	118887	43.83	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.66%			
64) 1,2-Dichlorobenzene-d4	11.65	152	110957	50.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	4065	2.445	ug/L	100
3) Chloromethane	1.25	50	4227	2.045	ug/L	98
5) Vinyl chloride	1.32	62	4437	2.179	ug/L #	62
6) Bromomethane	1.53	94	2903	2.491	ug/L	98
8) Chloroethane	1.60	64	3161	2.475	ug/L	94
9) Trichlorofluoromethane	1.77	101	7010	2.617	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4134	2.902	ug/L	88
12) 1,1-Dichloroethene	2.13	96	4451	3.123	ug/L #	1
13) Acetone	2.20	43	4895	5.539	ug/L	80
14) Carbon disulfide	2.31	76	10186	2.167	ug/L	100
15) Methyl Acetate	2.46	43	4081	2.197	ug/L #	87
16) Methylene chloride	2.52	84	4499	2.708	ug/L	84
17) trans-1,2-Dichloroethene	2.78	96	4056	2.693	ug/L	85
18) Methyl tert-butyl Ether	2.78	73	12561	2.571	ug/L	95
19) 1,1-Dichloroethane	3.22	63	7443	2.447	ug/L	94
20) cis-1,2-Dichloroethene	3.94	96	4361	2.707	ug/L	85
22) 2-Butanone	4.04	43	4312m	3.559	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.29	128	2304	2.810 ug/L #	84
25) Chloroform	4.40	83	8840	2.951 ug/L	98
27) 1,2-Dichloroethane	5.17	62	7266	2.922 ug/L	98
29) Cyclohexane	4.70	56	5035	2.045 ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	7141	2.788 ug/L	98
31) Carbon tetrachloride	4.86	117	5933	2.657 ug/L	96
33) Benzene	5.13	78	15828	2.514 ug/L	100
34) Trichloroethene	5.95	95	4112	2.584 ug/L	83
35) Methylcyclohexane	6.16	83	4423	2.032 ug/L	97
37) 1,2-Dichloropropane	6.20	63	3608	2.081 ug/L #	92
38) Bromodichloromethane	6.54	83	5872	2.677 ug/L	90
39) cis-1,3-Dichloropropene	7.05	75	6203	2.421 ug/L	91
40) 4-Methyl-2-pentanone	7.25	43	10150	4.340 ug/L	96
42) Toluene	7.41	91	15720	2.432 ug/L	99
44) trans-1,3-Dichloropropene	7.68	75	6809	2.679 ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	3972	2.594 ug/L	93
46) Tetrachloroethene	8.00	164	3356	2.748 ug/L	96
48) 2-Hexanone	8.17	43	9006	4.990 ug/L	97
49) Dibromochloromethane	8.27	129	4886	2.920 ug/L	100
50) 1,2-Dibromoethane	8.38	107	4201	2.644 ug/L #	95
51) Chlorobenzene	8.90	112	11483	2.770 ug/L	98
52) Ethylbenzene	9.04	91	16562	2.370 ug/L	99
53) m,p-Xylene	9.16	106	6032	2.358 ug/L	97
54) o-xylene	9.57	106	6137	2.491 ug/L	90
55) Styrene	9.59	104	10807	2.473 ug/L	85
56) Isopropylbenzene	9.95	105	14507	2.240 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	6446	2.559 ug/L #	96
59) 1,2,3-Trichloropropane	10.30	75	5758	2.841 ug/L	96
61) Bromoform	9.76	173	3245	2.765 ug/L	95
62) 1,3-Dichlorobenzene	11.21	146	8641	2.763 ug/L	96
63) 1,4-Dichlorobenzene	11.30	146	9566	2.927 ug/L	95
65) 1,2-Dichlorobenzene	11.67	146	9174	2.909 ug/L #	91
66) 1,2-Dibromo-3-chloropropan	12.45	75	1460	2.621 ug/L	94
67) 1,3,5-Trichlorobenzene	12.67	180	6333	2.965 ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	5787	2.874 ug/L	96
69) Naphthalene	13.53	128	13989	2.254 ug/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	5403	2.648 ug/L	97

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

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