Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102920\
Data File : VV019158.D
Acq On : 29 Oct 2020 20:24
Operator : SY/MD
Sample : MDL04
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA-V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Manual Integrations APPROVED
MMDadoda
11/2/2020 2:27:05 PM

Quant Time: Nov 01 15:03:02 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	221574	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	210254	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	107890	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	86397	49.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.14%			
7) Chloroethane-d5	1.58	69	68664	50.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.40%			
11) 1,1-Dichloroethene-d2	2.12	63	126797	37.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.70%			
21) 2-Butanone-d5	3.91	46	116929	108.42	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.42%			
24) Chloroform-d	4.38	84	165748	50.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.20%			
26) 1,2-Dichloroethane-d4	5.05	65	120688	52.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.76%			
32) Benzene-d6	5.07	84	310714	52.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.20%			
36) 1,2-Dichloropropane-d6	6.09	67	96212	54.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.20%			
41) Toluene-d8	7.34	98	285965	49.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.82%			
43) trans-1,3-Dichloropropene-	7.64	79	51656	50.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.40%			
47) 2-Hexanone-d5	8.11	63	81882	106.32	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.32%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	124445	51.90	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.80%			
64) 1,2-Dichlorobenzene-d4	11.65	152	118816	52.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	4189	2.153	ug/L	100
3) Chloromethane	1.25	50	4049	2.292	ug/L	100
5) Vinyl chloride	1.32	62	4284	2.368	ug/L #	56
6) Bromomethane	1.53	94	2840	2.344	ug/L	95
8) Chloroethane	1.60	64	2830	2.516	ug/L	97
9) Trichlorofluoromethane	1.77	101	6194	2.055	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3941	2.716	ug/L #	78
12) 1,1-Dichloroethene	2.13	96	4089	2.878	ug/L #	1
13) Acetone	2.20	43	4308	4.300	ug/L	93
14) Carbon disulfide	2.31	76	9971	2.208	ug/L	98
15) Methyl Acetate	2.46	43	3652	2.262	ug/L	94
16) Methylene chloride	2.52	84	4058	2.515	ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	3222	2.111	ug/L	92
18) Methyl tert-butyl Ether	2.78	73	11617	2.273	ug/L	97
19) 1,1-Dichloroethane	3.22	63	6552m	2.304	ug/L	
20) cis-1,2-Dichloroethene	3.94	96	3748m	2.238	ug/L	
22) 2-Butanone	4.03	43	4790m	4.389	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.29	128	1962	2.183 ug/L		87
25) Chloroform	4.40	83	8862	2.884 ug/L		94
27) 1,2-Dichloroethane	5.16	62	6484	2.479 ug/L		99
29) Cyclohexane	4.70	56	4407	1.878 ug/L	#	88
30) 1,1,1-Trichloroethane	4.63	97	6045	2.122 ug/L		99
31) Carbon tetrachloride	4.86	117	5376	2.128 ug/L		94
33) Benzene	5.13	78	13888	2.291 ug/L		100
34) Trichloroethene	5.95	95	3363	2.025 ug/L		96
35) Methylcyclohexane	6.15	83	4708	2.100 ug/L		94
37) 1,2-Dichloropropane	6.20	63	2966	1.970 ug/L	#	85
38) Bromodichloromethane	6.54	83	4811	2.148 ug/L	#	95
39) cis-1,3-Dichloropropene	7.06	75	5434m	2.185 ug/L		
40) 4-Methyl-2-pentanone	7.25	43	9226	4.442 ug/L		98
42) Toluene	7.41	91	18481	2.781 ug/L		94
44) trans-1,3-Dichloropropene	7.67	75	5972m	2.309 ug/L		
45) 1,1,2-Trichloroethane	7.86	97	3477	2.303 ug/L		95
46) Tetrachloroethene	8.00	164	2744	1.935 ug/L		95
48) 2-Hexanone	8.17	43	8247	4.996 ug/L		96
49) Dibromochloromethane	8.27	129	4133	2.261 ug/L		97
50) 1,2-Dibromoethane	8.38	107	3603	2.237 ug/L	#	98
51) Chlorobenzene	8.90	112	9114	2.092 ug/L		95
52) Ethylbenzene	9.04	91	14798	2.021 ug/L		99
53) m,p-Xylene	9.16	106	5587	2.020 ug/L		96
54) o-xylene	9.57	106	5145	1.937 ug/L		93
55) Styrene	9.59	104	8172	1.736 ug/L		98
56) Isopropylbenzene	9.96	105	12327	1.727 ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.26	83	5352	2.328 ug/L		96
59) 1,2,3-Trichloropropane	10.29	75	4414	2.243 ug/L		99
61) Bromoform	9.75	173	3078	2.313 ug/L	#	37
62) 1,3-Dichlorobenzene	11.21	146	7082	2.081 ug/L		97
63) 1,4-Dichlorobenzene	11.30	146	7906	2.235 ug/L		99
65) 1,2-Dichlorobenzene	11.67	146	7561	2.243 ug/L		92
66) 1,2-Dibromo-3-chloropropan	12.45	75	1368	2.372 ug/L	#	78
67) 1,3,5-Trichlorobenzene	12.67	180	4926	1.966 ug/L		95
68) 1,2,4-trichlorobenzene	13.29	180	4729	2.015 ug/L		95
69) Naphthalene	13.53	128	10918	1.661 ug/L		98
70) 1,2,3-Trichlorobenzene	13.77	180	4473	1.947 ug/L		98

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

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