Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100620\
Data File : VV018692.D
Acq On : 06 Oct 2020 14:33
Operator : SY/MD
Sample : MDL02
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Manual Integrations APPROVED
MMDadoda
10/12/2020 2:01:04 PM

Quant Time: Oct 07 06:40:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM092320W.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 07 05:40:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	217206	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	214209	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	102000	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	72428	53.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.48%			
7) Chloroethane-d5	1.58	69	62219	53.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.26%			
11) 1,1-Dichloroethene-d2	2.12	63	115569	40.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.80%			
21) 2-Butanone-d5	3.92	46	92334	95.57	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.57%			
24) Chloroform-d	4.38	84	137864	48.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.56%			
26) 1,2-Dichloroethane-d4	5.06	65	98557	55.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.14%			
32) Benzene-d6	5.07	84	265398	49.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.46%			
36) 1,2-Dichloropropane-d6	6.09	67	82933	47.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.38%			
41) Toluene-d8	7.34	98	242505	49.12	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.24%			
43) trans-1,3-Dichloropropene-	7.64	79	42136	48.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.56%			
47) 2-Hexanone-d5	8.11	63	48365	75.55	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 75.55%			
56) 1,1,2,2-Tetrachloroethane-	10.24	84	97281	43.56	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.12%			
66) 1,2-Dichlorobenzene-d4	11.65	152	100630	52.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.98%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	3676	2.293	ug/L	98
3) Chloromethane	1.25	50	4295	2.415	ug/L	94
5) Vinyl chloride	1.32	62	4918	2.703	ug/L #	80
6) Bromomethane	1.53	94	3058	2.645	ug/L	96
8) Chloroethane	1.60	64	3021	2.576	ug/L	98
9) Trichlorofluoromethane	1.77	101	7267	2.809	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	5325	3.357	ug/L #	83
12) 1,1-Dichloroethene	2.13	96	4640	3.076	ug/L #	1
13) Acetone	2.20	43	6112	5.002	ug/L	84
14) Carbon disulfide	2.31	76	11372	2.655	ug/L	98
15) Methyl Acetate	2.46	43	5343	3.313	ug/L	95
16) Methylene chloride	2.52	84	6004	3.516	ug/L	86
17) trans-1,2-Dichloroethene	2.78	96	4395	2.879	ug/L	93
18) Methyl tert-butyl Ether	2.79	73	13755	2.899	ug/L #	95
19) 1,1-Dichloroethane	3.22	63	8029	2.709	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	4087m	2.483	ug/L	
22) 2-Butanone	4.03	43	5381m	4.436	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.28	128	2211	2.508 ug/L		91
25) Chloroform	4.40	83	9117	3.042 ug/L		86
27) 1,2-Dichloroethane	5.16	62	6057	2.609 ug/L		99
29) Cyclohexane	4.71	56	5012	2.010 ug/L		97
30) 1,1,1-Trichloroethane	4.63	97	6633	2.518 ug/L		98
31) Carbon tetrachloride	4.85	117	5428	2.363 ug/L		99
33) Benzene	5.13	78	14128	2.202 ug/L		100
34) Trichloroethene	5.94	95	5378	3.049 ug/L		95
35) Methylcyclohexane	6.16	83	5257m	2.053 ug/L		
37) 1,2-Dichloropropane	6.20	63	3806	2.244 ug/L	#	86
38) Bromodichloromethane	6.54	83	5515	2.484 ug/L		98
39) cis-1,3-Dichloropropene	7.05	75	6236	2.450 ug/L		99
40) 4-Methyl-2-pentanone	7.25	43	9654	4.795 ug/L	#	91
42) Toluene	7.41	91	15866	2.357 ug/L		97
44) trans-1,3-Dichloropropene	7.68	75	6477m	2.567 ug/L		
45) 1,1,2-Trichloroethane	7.87	97	3886	2.433 ug/L		91
46) Tetrachloroethene	8.00	164	3249	2.353 ug/L		95
48) 2-Hexanone	8.16	43	17855	10.465 ug/L	#	84
49) Dibromochloromethane	8.27	129	4124	2.319 ug/L		90
50) 1,2-Dibromoethane	8.38	107	4183	2.515 ug/L	#	91
51) Chlorobenzene	8.90	112	11120	2.472 ug/L		99
52) Ethylbenzene	9.04	91	15721	2.122 ug/L		96
53) m,p-Xylene	9.16	106	6353	2.297 ug/L		89
54) o-Xylene	9.57	106	5751	2.158 ug/L		90
55) Styrene	9.59	104	8559	1.836 ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.26	83	5389	2.314 ug/L	#	92
59) Bromoform	9.76	173	2653	2.327 ug/L	#	93
60) Isopropylbenzene	9.95	105	14372	2.286 ug/L		98
61) 1,2,3-Trichloropropane	10.30	75	5279	2.982 ug/L		96
62) 1,3,5-Trimethylbenzene	10.56	105	10398	2.043 ug/L		100
63) 1,2,4-Trimethylbenzene	10.94	105	10359	1.983 ug/L		99
64) 1,3-Dichlorobenzene	11.21	146	7765	2.430 ug/L		94
65) 1,4-Dichlorobenzene	11.30	146	8872	2.649 ug/L		98
67) 1,2-Dichlorobenzene	11.67	146	9120	2.839 ug/L		98
68) 1,2-Dibromo-3-chloropropan	12.45	75	1126	2.518 ug/L	#	74
69) 1,3,5-Trichlorobenzene	12.67	180	4838	1.942 ug/L		97
70) 1,2,4-trichlorobenzene	13.29	180	3783	1.695 ug/L		97
71) Naphthalene	13.53	128	9863	1.703 ug/L		98
72) 1,2,3-Trichlorobenzene	13.77	180	4027	1.795 ug/L		90

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

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