Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021020\
Data File : VV014547.D
Acq On : 10 Feb 2020 13:22
Operator : SY/MD
Sample : MDL03
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Manual Integrations APPROVED
MMDadoda
2/12/2020 3:06:17 PM

Quant Time: Feb 11 05:05:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 11 04:43:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	338334	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	315478	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	158176	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	70217	38.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.54%			
7) Chloroethane-d5	1.59	69	53143	42.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.06%			
11) 1,1-Dichloroethene-d2	2.13	63	90058	32.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.64%			
21) 2-Butanone-d5	3.92	46	130920	92.44	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.44%			
24) Chloroform-d	4.40	84	197620	47.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.52%			
26) 1,2-Dichloroethane-d4	5.08	65	125191	49.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.10%			
32) Benzene-d6	5.10	84	413004	47.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.56%			
36) 1,2-Dichloropropane-d6	6.11	67	128574	48.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.00%			
41) Toluene-d8	7.36	98	389549	48.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.86%			
43) trans-1,3-Dichloropropene-	7.66	79	67670	47.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.22%			
47) 2-Hexanone-d5	8.13	63	108699	95.38	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.38%			
56) 1,1,2,2-Tetrachloroethane-	10.25	84	170235	48.94	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.88%			
66) 1,2-Dichlorobenzene-d4	11.67	152	153307	50.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	6888	2.541	ug/L	96
3) Chloromethane	1.26	50	6177	2.251	ug/L	92
5) Vinyl chloride	1.33	62	4424	2.105	ug/L #	58
6) Bromomethane	1.54	94	2028	2.098	ug/L	96
8) Chloroethane	1.60	64	2329	2.230	ug/L	86
9) Trichlorofluoromethane	1.77	101	7067	2.496	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4078	2.999	ug/L #	81
12) 1,1-Dichloroethene	2.14	96	3752	2.885	ug/L #	1
13) Acetone	2.19	43	7560	6.375	ug/L	99
14) Carbon disulfide	2.32	76	14059	2.227	ug/L	100
15) Methyl Acetate	2.46	43	5202	2.281	ug/L	93
16) Methylene chloride	2.54	84	7085	2.869	ug/L	91
17) trans-1,2-Dichloroethene	2.79	96	5244	2.289	ug/L	92
18) Methyl tert-butyl Ether	2.80	73	17908	2.468	ug/L #	92
19) 1,1-Dichloroethane	3.23	63	10337	2.523	ug/L	95
20) cis-1,2-Dichloroethene	3.96	96	6344	2.461	ug/L	99
22) 2-Butanone	4.02	43	6676m	3.807	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	2843	2.329	ug/L		97
25) Chloroform	4.43	83	13781	3.308	ug/L		99
27) 1,2-Dichloroethane	5.18	62	7441	2.397	ug/L		95
29) Cyclohexane	4.72	56	8957	2.309	ug/L		95
30) 1,1,1-Trichloroethane	4.66	97	8665	2.407	ug/L		95
31) Carbon tetrachloride	4.87	117	7965	2.508	ug/L		100
33) Benzene	5.15	78	22511	2.427	ug/L		100
34) Trichloroethene	5.96	95	6044	2.458	ug/L		92
35) Methylcyclohexane	6.17	83	10309	2.566	ug/L		92
37) 1,2-Dichloropropane	6.22	63	5368	2.272	ug/L		100
38) Bromodichloromethane	6.56	83	7826	2.468	ug/L		95
39) cis-1,3-Dichloropropene	7.07	75	9878	2.507	ug/L		93
40) 4-Methyl-2-pentanone	7.27	43	12453	4.079	ug/L		95
42) Toluene	7.43	91	25291	2.543	ug/L		98
44) trans-1,3-Dichloropropene	7.69	75	8429	2.385	ug/L		96
45) 1,1,2-Trichloroethane	7.88	97	5542	2.445	ug/L		95
46) Tetrachloroethene	8.02	164	4650	2.479	ug/L		98
48) 2-Hexanone	8.18	43	10506	4.470	ug/L	#	87
49) Dibromochloromethane	8.29	129	6354	2.483	ug/L		93
50) 1,2-Dibromoethane	8.40	107	6184	2.519	ug/L	#	96
51) Chlorobenzene	8.92	112	16592	2.554	ug/L		97
52) Ethylbenzene	9.05	91	26741	2.398	ug/L		98
53) m,p-Xylene	9.18	106	10350	2.409	ug/L		97
54) o-Xylene	9.59	106	9682	2.355	ug/L		98
55) Styrene	9.60	104	16267	2.315	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.28	83	10062	2.833	ug/L	#	91
59) Bromoform	9.77	173	4024	2.281	ug/L	#	94
60) Isopropylbenzene	9.97	105	26091	2.439	ug/L		98
61) 1,2,3-Trichloropropane	10.31	75	6761	2.414	ug/L		90
62) 1,3,5-Trimethylbenzene	10.58	105	20970	2.290	ug/L		96
63) 1,2,4-Trimethylbenzene	10.95	105	20461	2.266	ug/L		98
64) 1,3-Dichlorobenzene	11.22	146	12420	2.462	ug/L		97
65) 1,4-Dichlorobenzene	11.32	146	13608	2.620	ug/L		98
67) 1,2-Dichlorobenzene	11.68	146	12674	2.591	ug/L		95
68) 1,2-Dibromo-3-chloropropan	12.48	75	1913	2.439	ug/L		94
69) 1,3,5-Trichlorobenzene	12.69	180	8201	2.307	ug/L		92
70) 1,2,4-trichlorobenzene	13.31	180	7478	2.291	ug/L		98
71) Naphthalene	13.55	128	22236	2.074	ug/L		99
72) 1,2,3-Trichlorobenzene	13.79	180	7246	2.285	ug/L		98

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

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