Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092120\
Data File : VX018517.D
Acq On : 21 Sep 2020 17:21
Operator : JC/SP
Sample : MDL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MDL02

Manual Integrations APPROVED
MMDadoda
10/6/2020 1:13:20 PM

Quant Time: Sep 22 02:21:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM092120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 22 02:09:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	615472	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	585595	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	291275	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	8423	2.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 4.12%#			
7) Chloroethane-d5	1.70	69	6487	2.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 4.20%#			
11) 1,1-Dichloroethene-d2	2.35	63	16589	2.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 4.00%#			
21) 2-Butanone-d5	4.54	46	9415m	3.47	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 3.47%#			
24) Chloroform-d	5.15	84	17415	2.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 4.44%#			
26) 1,2-Dichloroethane-d4	6.03	65	12690m	2.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 4.30%#			
32) Benzene-d6	6.05	84	30067	1.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 3.96%#			
36) 1,2-Dichloropropane-d6	7.37	67	10188	2.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 4.30%#			
41) Toluene-d8	8.70	98	29199	1.97	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 3.94%#			
43) trans-1,3-Dichloropropene-	8.99	79	5048	1.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 3.72%#			
47) 2-Hexanone-d5	9.43	63	6242	3.18	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 3.18%#			
56) 1,1,2,2-Tetrachloroethane-	11.23	84	12281	1.94	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 3.88%#			
66) 1,2-Dichlorobenzene-d4	12.36	152	12662	2.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 4.50%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	11362	2.144	ug/L	92
3) Chloromethane	1.31	50	9771	2.415	ug/L	100
5) Vinyl chloride	1.39	62	10523	2.339	ug/L	97
6) Bromomethane	1.64	94	6176	2.575	ug/L	80
8) Chloroethane	1.72	64	5566	2.105	ug/L	95
9) Trichlorofluoromethane	1.92	101	16852	2.217	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	8407	2.035	ug/L	95
12) 1,1-Dichloroethene	2.36	96	8943	2.307	ug/L #	77
13) Acetone	2.43	43	8868	4.443	ug/L	91
14) Carbon disulfide	2.56	76	27213	2.308	ug/L	96
15) Methyl Acetate	2.75	43	8426	1.989	ug/L #	88
16) Methylene chloride	2.84	84	10240	2.411	ug/L	90
17) trans-1,2-Dichloroethene	3.14	96	9718	2.382	ug/L	95
18) Methyl tert-butyl Ether	3.17	73	26654	2.028	ug/L #	91
19) 1,1-Dichloroethane	3.67	63	16122	2.126	ug/L	99
20) cis-1,2-Dichloroethene	4.57	96	10027	2.248	ug/L	89
22) 2-Butanone	4.65	43	11582m	3.821	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.98	128	5423	2.209 ug/L	#	77
25) Chloroform	5.18	83	18343	2.163 ug/L		83
27) 1,2-Dichloroethane	6.17	62	15299	2.254 ug/L		99
29) Cyclohexane	5.55	56	12112m	1.885 ug/L		
30) 1,1,1-Trichloroethane	5.46	97	17449	2.218 ug/L		92
31) Carbon tetrachloride	5.76	117	14910	2.098 ug/L		96
33) Benzene	6.12	78	33253	2.024 ug/L		100
34) Trichloroethene	7.19	95	10166	2.218 ug/L		90
35) Methylcyclohexane	7.43	83	12445	1.868 ug/L		93
37) 1,2-Dichloropropane	7.49	63	9111	2.102 ug/L	#	95
38) Bromodichloromethane	7.88	83	13480	2.166 ug/L		87
39) cis-1,3-Dichloropropene	8.42	75	14725	2.104 ug/L		96
40) 4-Methyl-2-pentanone	8.62	43	20211	3.515 ug/L		95
42) Toluene	8.77	91	35155	1.992 ug/L		99
44) trans-1,3-Dichloropropene	9.02	75	14022	1.969 ug/L		93
45) 1,1,2-Trichloroethane	9.20	97	9181	2.186 ug/L		88
46) Tetrachloroethene	9.32	164	7347	1.948 ug/L		95
48) 2-Hexanone	9.48	43	14098	3.113 ug/L	#	97
49) Dibromochloromethane	9.57	129	10343	1.955 ug/L		97
50) 1,2-Dibromoethane	9.65	107	9338	2.022 ug/L	#	95
51) Chlorobenzene	10.12	112	24572	2.073 ug/L		95
52) Ethylbenzene	10.24	91	37413	1.903 ug/L		96
53) m,p-Xylene	10.34	106	14170	1.892 ug/L		95
54) o-Xylene	10.68	106	13275	1.841 ug/L		90
55) Styrene	10.70	104	22116	1.781 ug/L		98
57) 1,1,2,2-Tetrachloroethane	11.26	83	12343	1.921 ug/L	#	97
59) Bromoform	10.84	173	7296	1.900 ug/L	#	94
60) Isopropylbenzene	11.00	105	33330	1.789 ug/L		97
61) 1,2,3-Trichloropropane	11.28	75	11514	2.191 ug/L		98
62) 1,3,5-Trimethylbenzene	11.49	105	26131	1.699 ug/L		99
63) 1,2,4-Trimethylbenzene	11.79	105	25276	1.613 ug/L		99
64) 1,3-Dichlorobenzene	12.01	146	18509	2.011 ug/L		97
65) 1,4-Dichlorobenzene	12.08	146	19366	2.083 ug/L		90
67) 1,2-Dichlorobenzene	12.38	146	18383	2.074 ug/L	#	85
68) 1,2-Dibromo-3-chloropropan	12.98	75	3660	2.375 ug/L	#	84
69) 1,3,5-Trichlorobenzene	13.15	180	12775	2.092 ug/L		93
70) 1,2,4-trichlorobenzene	13.63	180	10736	1.916 ug/L		95
71) Naphthalene	13.82	128	27903	1.595 ug/L		97
72) 1,2,3-Trichlorobenzene	14.01	180	10557	1.879 ug/L		99

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

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