Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100620\
Data File : VV018691.D
Acq On : 06 Oct 2020 14:09
Operator : SY/MD
Sample : MDL05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMDadoda
10/12/2020 2:00:59 PM

Quant Time: Oct 07 06:38:17 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	224142	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	238348	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	104824	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	77157	55.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 110.96%			
7) Chloroethane-d5	1.58	69	66294	55.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.76%			
11) 1,1-Dichloroethene-d2	2.12	63	122439	41.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.98%			
21) 2-Butanone-d5	3.92	46	117170	117.53	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.53%			
24) Chloroform-d	4.38	84	164138	56.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.56%			
26) 1,2-Dichloroethane-d4	5.06	65	103851	56.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.48%			
32) Benzene-d6	5.07	84	294438	49.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.16%			
36) 1,2-Dichloropropane-d6	6.09	67	86635	44.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.54%			
41) Toluene-d8	7.34	98	252654	45.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.98%			
43) trans-1,3-Dichloropropene-	7.64	79	41691	42.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.86%			
47) 2-Hexanone-d5	8.11	63	48347	67.87	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 67.87%			
56) 1,1,2,2-Tetrachloroethane-	10.23	84	93664	37.69	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 75.38%			
66) 1,2-Dichlorobenzene-d4	11.65	152	104587	53.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	3559	2.151	ug/L	97
3) Chloromethane	1.25	50	3980	2.169	ug/L	99
5) Vinyl chloride	1.32	62	5037	2.683	ug/L #	66
6) Bromomethane	1.53	94	3074	2.577	ug/L	91
8) Chloroethane	1.60	64	3327	2.750	ug/L	97
9) Trichlorofluoromethane	1.77	101	7767	2.909	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	5404	3.302	ug/L #	83
12) 1,1-Dichloroethene	2.13	96	4581	2.943	ug/L #	1
13) Acetone	2.20	43	6030m	4.782	ug/L	
14) Carbon disulfide	2.31	76	12476	2.823	ug/L #	94
15) Methyl Acetate	2.46	43	4610	2.770	ug/L #	67
16) Methylene chloride	2.53	84	6026	3.420	ug/L	89
17) trans-1,2-Dichloroethene	2.78	96	4243	2.693	ug/L #	84
18) Methyl tert-butyl Ether	2.79	73	12974	2.649	ug/L #	94
19) 1,1-Dichloroethane	3.22	63	8502	2.780	ug/L	91
20) cis-1,2-Dichloroethene	3.94	96	4989	2.937	ug/L	97
22) 2-Butanone	4.03	43	6418m	5.127	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.29	128	2612	2.871 ug/L		95
25) Chloroform	4.40	83	12127	3.922 ug/L		96
27) 1,2-Dichloroethane	5.16	62	6431m	2.684 ug/L		
29) Cyclohexane	4.71	56	6191	2.232 ug/L		92
30) 1,1,1-Trichloroethane	4.64	97	7406	2.526 ug/L		93
31) Carbon tetrachloride	4.86	117	6468	2.531 ug/L		95
33) Benzene	5.13	78	15615	2.187 ug/L		100
34) Trichloroethene	5.94	95	5210	2.655 ug/L		91
35) Methylcyclohexane	6.16	83	5147	1.806 ug/L		98
37) 1,2-Dichloropropane	6.20	63	4414	2.339 ug/L	#	89
38) Bromodichloromethane	6.54	83	5555	2.249 ug/L		96
39) cis-1,3-Dichloropropene	7.06	75	5990	2.115 ug/L		93
40) 4-Methyl-2-pentanone	7.25	43	9332	4.166 ug/L		92
42) Toluene	7.41	91	16613	2.218 ug/L		97
44) trans-1,3-Dichloropropene	7.68	75	5788	2.062 ug/L		88
45) 1,1,2-Trichloroethane	7.86	97	3784	2.129 ug/L		89
46) Tetrachloroethene	8.00	164	3535	2.300 ug/L		90
48) 2-Hexanone	8.16	43	19110	10.066 ug/L	#	84
49) Dibromochloromethane	8.27	129	4197	2.121 ug/L		93
50) 1,2-Dibromoethane	8.38	107	4351	2.351 ug/L	#	96
51) Chlorobenzene	8.91	112	11480	2.294 ug/L		99
52) Ethylbenzene	9.04	91	17077	2.072 ug/L		93
53) m,p-Xylene	9.16	106	5909	1.920 ug/L		94
54) o-Xylene	9.57	106	5779	1.949 ug/L		99
55) Styrene	9.59	104	9800	1.890 ug/L		85
57) 1,1,2,2-Tetrachloroethane	10.26	83	5621	2.169 ug/L		98
59) Bromoform	9.76	173	2729	2.329 ug/L	#	96
60) Isopropylbenzene	9.95	105	14866	2.301 ug/L		99
61) 1,2,3-Trichloropropane	10.30	75	5200	2.859 ug/L		97
62) 1,3,5-Trimethylbenzene	10.56	105	11249	2.151 ug/L		94
63) 1,2,4-Trimethylbenzene	10.94	105	10457	1.948 ug/L		97
64) 1,3-Dichlorobenzene	11.21	146	8349	2.543 ug/L		94
65) 1,4-Dichlorobenzene	11.30	146	9263	2.692 ug/L		97
67) 1,2-Dichlorobenzene	11.67	146	9149	2.771 ug/L	#	92
68) 1,2-Dibromo-3-chloropropan	12.45	75	1032	2.245 ug/L		90
69) 1,3,5-Trichlorobenzene	12.67	180	4705	1.837 ug/L		96
70) 1,2,4-trichlorobenzene	13.29	180	4046	1.764 ug/L		97
71) Naphthalene	13.53	128	9108	1.531 ug/L		97
72) 1,2,3-Trichlorobenzene	13.77	180	3665	1.589 ug/L	#	84

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

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