Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110420\
Data File : VV019233.D
Acq On : 03 Nov 2020 14:01
Operator : SY/MD
Sample : L4485-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-04

Manual Integrations APPROVED
MMDadoda
11/5/2020 7:00:23 PM

Quant Time: Nov 04 07:27:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM110320WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 04 07:03:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	247074	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	237916	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	123733	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	83282	43.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.36%			
7) Chloroethane-d5	1.58	69	72697	48.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.30%			
11) 1,1-Dichloroethene-d2	2.12	63	137380	38.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.82%			
21) 2-Butanone-d5	3.91	46	111751	106.29	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.29%			
24) Chloroform-d	4.37	84	168013	47.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.16%			
26) 1,2-Dichloroethane-d4	5.05	65	119391	48.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.02%			
32) Benzene-d6	5.07	84	317527	48.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.66%			
36) 1,2-Dichloropropane-d6	6.09	67	98415	50.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.34%			
41) Toluene-d8	7.34	98	292781	47.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.68%			
43) trans-1,3-Dichloropropene-	7.64	79	52851	47.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.18%			
47) 2-Hexanone-d5	8.11	63	72385	95.06	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.06%			
56) 1,1,2,2-Tetrachloroethane-	10.23	84	120997	46.30	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.60%			
66) 1,2-Dichlorobenzene-d4	11.65	152	123418	49.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	3765	2.487	ug/L	95
3) Chloromethane	1.25	50	3931	2.494	ug/L	100
5) Vinyl chloride	1.32	62	4518	2.754	ug/L #	69
6) Bromomethane	1.53	94	2856	2.590	ug/L	94
8) Chloroethane	1.60	64	2859	2.664	ug/L	96
9) Trichlorofluoromethane	1.77	101	6909	2.544	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4730	3.665	ug/L #	83
12) 1,1-Dichloroethene	2.13	96	4185	3.138	ug/L #	1
13) Acetone	2.20	43	4972	6.218	ug/L	93
14) Carbon disulfide	2.31	76	9966	2.602	ug/L	99
15) Methyl Acetate	2.45	43	4111	2.654	ug/L #	68
16) Methylene chloride	2.53	84	4545	2.866	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	3508	2.424	ug/L	93
18) Methyl tert-butyl Ether	2.79	73	11419	2.245	ug/L	98
19) 1,1-Dichloroethane	3.22	63	7078	2.497	ug/L	97
20) cis-1,2-Dichloroethene	3.95	96	4039	2.526	ug/L	95
22) 2-Butanone	4.03	43	4091m	4.031	ug/L	

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.29	128	1918	2.178 ug/L	#	91
25) Chloroform	4.40	83	8396	2.762 ug/L		98
27) 1,2-Dichloroethane	5.16	62	6415	2.483 ug/L	#	94
29) Cyclohexane	4.70	56	5071	2.491 ug/L	#	93
30) 1,1,1-Trichloroethane	4.64	97	6421	2.327 ug/L		97
31) Carbon tetrachloride	4.85	117	5718m	2.400 ug/L		
33) Benzene	5.13	78	14096	2.384 ug/L		100
34) Trichloroethene	5.94	95	3899	2.427 ug/L		96
35) Methylcyclohexane	6.15	83	5123	2.634 ug/L		97
37) 1,2-Dichloropropane	6.20	63	3891	2.466 ug/L	#	84
38) Bromodichloromethane	6.54	83	5450	2.400 ug/L		98
39) cis-1,3-Dichloropropene	7.06	75	6263	2.480 ug/L		100
40) 4-Methyl-2-pentanone	7.25	43	8970	4.231 ug/L		97
42) Toluene	7.41	91	17874	2.797 ug/L		97
44) trans-1,3-Dichloropropene	7.68	75	6310	2.439 ug/L		97
45) 1,1,2-Trichloroethane	7.86	97	3658	2.345 ug/L		98
46) Tetrachloroethene	8.00	164	3391	2.586 ug/L		92
48) 2-Hexanone	8.16	43	9995	6.236 ug/L	#	90
49) Dibromochloromethane	8.27	129	4100	2.204 ug/L		91
50) 1,2-Dibromoethane	8.38	107	3914	2.421 ug/L	#	90
51) Chlorobenzene	8.91	112	10285	2.406 ug/L		96
52) Ethylbenzene	9.04	91	16261	2.306 ug/L		97
53) m,p-Xylene	9.16	106	6099	2.310 ug/L		86
54) o-Xylene	9.57	106	5686	2.185 ug/L		94
55) Styrene	9.59	104	9257	1.999 ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.26	83	5574	2.362 ug/L	#	92
59) Bromoform	9.75	173	2902	2.113 ug/L		98
60) Isopropylbenzene	9.95	105	14459	2.230 ug/L		100
61) 1,2,3-Trichloropropane	10.30	75	4939	2.569 ug/L	#	94
62) 1,3,5-Trimethylbenzene	10.56	105	11599	2.147 ug/L		96
63) 1,2,4-Trimethylbenzene	10.94	105	11687	2.211 ug/L		98
64) 1,3-Dichlorobenzene	11.21	146	8334	2.457 ug/L		96
65) 1,4-Dichlorobenzene	11.29	146	9263	2.640 ug/L		96
67) 1,2-Dichlorobenzene	11.66	146	8757	2.523 ug/L		93
68) 1,2-Dibromo-3-chloropropan	12.45	75	1248	2.225 ug/L	#	81
69) 1,3,5-Trichlorobenzene	12.67	180	5987	2.459 ug/L		97
70) 1,2,4-trichlorobenzene	13.29	180	5055	2.207 ug/L		97
71) Naphthalene	13.53	128	9458	1.464 ug/L		98
72) 1,2,3-Trichlorobenzene	13.77	180	4673	2.058 ug/L		98

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

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