Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110320\
Data File : VV019223.D
Acq On : 03 Nov 2020 02:04
Operator : SY/MD
Sample : L4485-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-01

Manual Integrations APPROVED
MMDadoda
11/4/2020 10:45:02 AM

Quant Time: Nov 03 06:41:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM110320WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 03 05:28:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	232975	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	221785	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	111944	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	87358	48.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.18%			
7) Chloroethane-d5	1.58	69	75232	53.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.80%			
11) 1,1-Dichloroethene-d2	2.12	63	136357	40.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.92%			
21) 2-Butanone-d5	3.90	46	110773	111.73	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.73%			
24) Chloroform-d	4.38	84	166932	49.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.22%			
26) 1,2-Dichloroethane-d4	5.05	65	121973	52.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.04%			
32) Benzene-d6	5.07	84	314934	51.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.86%			
36) 1,2-Dichloropropane-d6	6.09	67	97380	53.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.52%			
41) Toluene-d8	7.34	98	284781	49.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.84%			
43) trans-1,3-Dichloropropene-	7.64	79	52480	50.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.38%			
47) 2-Hexanone-d5	8.11	63	73200	103.12	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.12%			
56) 1,1,2,2-Tetrachloroethane-	10.23	84	120941	49.64	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.28%			
66) 1,2-Dichlorobenzene-d4	11.65	152	119957	53.56	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.12%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	3992	2.797	ug/L	96
3) Chloromethane	1.25	50	4295	2.890	ug/L	98
5) Vinyl chloride	1.32	62	4392	2.839	ug/L #	61
6) Bromomethane	1.53	94	3093	2.975	ug/L	96
8) Chloroethane	1.60	64	3173	3.136	ug/L	93
9) Trichlorofluoromethane	1.77	101	6560	2.561	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4365	3.587	ug/L #	78
12) 1,1-Dichloroethene	2.13	96	4473	3.556	ug/L #	1
13) Acetone	2.19	43	3908	5.184	ug/L	66
14) Carbon disulfide	2.32	76	9513	2.634	ug/L	99
15) Methyl Acetate	2.46	43	3951	2.705	ug/L	92
16) Methylene chloride	2.53	84	4176	2.793	ug/L	87
17) trans-1,2-Dichloroethene	2.78	96	3644	2.671	ug/L	97
18) Methyl tert-butyl Ether	2.78	73	12696	2.647	ug/L	99
19) 1,1-Dichloroethane	3.22	63	6961	2.604	ug/L	95
20) cis-1,2-Dichloroethene	3.95	96	4019	2.665	ug/L	93
22) 2-Butanone	4.03	43	4274m	4.466	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.29	128	2150	2.590 ug/L		97
25) Chloroform	4.41	83	8490	2.962 ug/L		92
27) 1,2-Dichloroethane	5.16	62	6872	2.821 ug/L		98
29) Cyclohexane	4.71	56	4233	2.230 ug/L		93
30) 1,1,1-Trichloroethane	4.64	97	6703	2.606 ug/L		96
31) Carbon tetrachloride	4.86	117	5673	2.554 ug/L		89
33) Benzene	5.13	78	15189	2.756 ug/L		100
34) Trichloroethene	5.94	95	4003	2.672 ug/L		95
35) Methylcyclohexane	6.15	83	4251	2.345 ug/L		96
37) 1,2-Dichloropropane	6.20	63	3851	2.618 ug/L	#	89
38) Bromodichloromethane	6.54	83	5201	2.457 ug/L		85
39) cis-1,3-Dichloropropene	7.05	75	5094	2.164 ug/L		91
40) 4-Methyl-2-pentanone	7.25	43	9623	4.870 ug/L		96
42) Toluene	7.41	91	17489	2.936 ug/L		96
44) trans-1,3-Dichloropropene	7.68	75	5235	2.170 ug/L		95
45) 1,1,2-Trichloroethane	7.86	97	4055	2.789 ug/L		94
46) Tetrachloroethene	8.00	164	3130	2.561 ug/L		94
48) 2-Hexanone	8.16	43	8049	5.388 ug/L	#	92
49) Dibromochloromethane	8.27	129	4295	2.477 ug/L		96
50) 1,2-Dibromoethane	8.38	107	3949	2.620 ug/L	#	92
51) Chlorobenzene	8.90	112	10672	2.678 ug/L		95
52) Ethylbenzene	9.04	91	15784	2.401 ug/L		98
53) m,p-Xylene	9.16	106	5943	2.415 ug/L		89
54) o-Xylene	9.57	106	5706	2.352 ug/L		90
55) Styrene	9.59	104	8979	2.080 ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.26	83	5820	2.646 ug/L	#	98
59) Bromoform	9.75	173	3264	2.627 ug/L	#	97
60) Isopropylbenzene	9.95	105	14627	2.493 ug/L		98
61) 1,2,3-Trichloropropane	10.30	75	5083	2.923 ug/L		94
62) 1,3,5-Trimethylbenzene	10.56	105	10929	2.237 ug/L		100
63) 1,2,4-Trimethylbenzene	10.94	105	10345	2.164 ug/L		98
64) 1,3-Dichlorobenzene	11.21	146	8146	2.654 ug/L		96
65) 1,4-Dichlorobenzene	11.29	146	8966	2.824 ug/L		95
67) 1,2-Dichlorobenzene	11.67	146	8830	2.812 ug/L		98
68) 1,2-Dibromo-3-chloropropan	12.45	75	1280	2.523 ug/L	#	91
69) 1,3,5-Trichlorobenzene	12.67	180	5581m	2.534 ug/L		
70) 1,2,4-trichlorobenzene	13.29	180	4546	2.193 ug/L		98
71) Naphthalene	13.53	128	10268	1.757 ug/L		99
72) 1,2,3-Trichlorobenzene	13.77	180	4499	2.190 ug/L		98

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

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