Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110320\
Data File : VV019224.D
Acq On : 03 Nov 2020 02:27
Operator : SY/MD
Sample : L4485-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-02

Manual Integrations APPROVED
MMDadoda
11/4/2020 10:45:06 AM

Quant Time: Nov 03 06:42:46 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	243075	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	232454	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	118616	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	91879	48.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.96%			
7) Chloroethane-d5	1.58	69	76637	52.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.28%			
11) 1,1-Dichloroethene-d2	2.12	63	144555	41.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.24%			
21) 2-Butanone-d5	3.91	46	113605	109.83	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.83%			
24) Chloroform-d	4.38	84	173596	49.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.90%			
26) 1,2-Dichloroethane-d4	5.06	65	122134	49.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.86%			
32) Benzene-d6	5.07	84	333421	51.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.90%			
36) 1,2-Dichloropropane-d6	6.09	67	101596	53.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.02%			
41) Toluene-d8	7.34	98	302145	50.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.06%			
43) trans-1,3-Dichloropropene-	7.64	79	53053	48.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.78%			
47) 2-Hexanone-d5	8.11	63	74231	99.78	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.78%			
56) 1,1,2,2-Tetrachloroethane-	10.23	84	122177	47.85	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.70%			
66) 1,2-Dichlorobenzene-d4	11.65	152	124560	52.49	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.98%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	3704	2.487	ug/L	100
3) Chloromethane	1.25	50	4173	2.691	ug/L	95
5) Vinyl chloride	1.32	62	4441	2.751	ug/L #	58
6) Bromomethane	1.53	94	3312	3.053	ug/L	95
8) Chloroethane	1.60	64	3154	2.988	ug/L	99
9) Trichlorofluoromethane	1.77	101	6961	2.605	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4739	3.733	ug/L #	79
12) 1,1-Dichloroethene	2.13	96	4525	3.448	ug/L #	1
13) Acetone	2.20	43	4631	5.887	ug/L	97
14) Carbon disulfide	2.31	76	9942	2.638	ug/L	100
15) Methyl Acetate	2.46	43	4103	2.692	ug/L #	80
16) Methylene chloride	2.53	84	4722	3.027	ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	3880	2.726	ug/L	92
18) Methyl tert-butyl Ether	2.78	73	12999	2.598	ug/L	98
19) 1,1-Dichloroethane	3.22	63	7311	2.621	ug/L	95
20) cis-1,2-Dichloroethene	3.95	96	4023	2.557	ug/L	94
22) 2-Butanone	4.02	43	5064m	5.072	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.29	128	2209	2.550 ug/L	#	91
25) Chloroform	4.40	83	9104	3.044 ug/L		99
27) 1,2-Dichloroethane	5.17	62	6255	2.461 ug/L	#	93
29) Cyclohexane	4.71	56	5105	2.566 ug/L	#	89
30) 1,1,1-Trichloroethane	4.63	97	6828	2.533 ug/L		97
31) Carbon tetrachloride	4.86	117	5827	2.503 ug/L		96
33) Benzene	5.13	78	15212	2.633 ug/L		100
34) Trichloroethene	5.94	95	4303	2.741 ug/L		90
35) Methylcyclohexane	6.16	83	4771	2.511 ug/L		100
37) 1,2-Dichloropropane	6.20	63	4204	2.727 ug/L	#	89
38) Bromodichloromethane	6.54	83	5416	2.441 ug/L	#	94
39) cis-1,3-Dichloropropene	7.06	75	5200	2.108 ug/L		97
40) 4-Methyl-2-pentanone	7.25	43	9713	4.690 ug/L		98
42) Toluene	7.41	91	17080	2.735 ug/L		100
44) trans-1,3-Dichloropropene	7.68	75	6509m	2.575 ug/L		
45) 1,1,2-Trichloroethane	7.87	97	3856	2.530 ug/L		94
46) Tetrachloroethene	8.00	164	3140	2.451 ug/L		98
48) 2-Hexanone	8.16	43	9597	6.129 ug/L		97
49) Dibromochloromethane	8.27	129	4236	2.331 ug/L		100
50) 1,2-Dibromoethane	8.38	107	3983	2.522 ug/L	#	97
51) Chlorobenzene	8.90	112	10507	2.516 ug/L		96
52) Ethylbenzene	9.04	91	16307	2.367 ug/L		98
53) m,p-Xylene	9.16	106	5882	2.281 ug/L		94
54) o-Xylene	9.57	106	5741	2.258 ug/L		89
55) Styrene	9.59	104	9658	2.134 ug/L		95
57) 1,1,2,2-Tetrachloroethane	10.26	83	6651	2.885 ug/L	#	95
59) Bromoform	9.76	173	3382	2.569 ug/L	#	94
60) Isopropylbenzene	9.95	105	14933	2.402 ug/L		98
61) 1,2,3-Trichloropropane	10.30	75	4957	2.690 ug/L		94
62) 1,3,5-Trimethylbenzene	10.56	105	11966	2.311 ug/L		99
63) 1,2,4-Trimethylbenzene	10.94	105	11304	2.231 ug/L		99
64) 1,3-Dichlorobenzene	11.21	146	8325	2.560 ug/L		98
65) 1,4-Dichlorobenzene	11.29	146	8890	2.642 ug/L		98
67) 1,2-Dichlorobenzene	11.67	146	8751	2.630 ug/L		99
68) 1,2-Dibromo-3-chloropropan	12.45	75	1197	2.227 ug/L		93
69) 1,3,5-Trichlorobenzene	12.67	180	5737	2.458 ug/L		95
70) 1,2,4-trichlorobenzene	13.29	180	4765	2.170 ug/L		99
71) Naphthalene	13.53	128	10218	1.650 ug/L		99
72) 1,2,3-Trichlorobenzene	13.77	180	4525	2.079 ug/L		99

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

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