Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV123020\
Data File : VV019875.D
Acq On : 30 Dec 2020 13:17
Operator : SY/MD
Sample : L4485-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 04 10:10:06 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 31 02:03:35 2020
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-05

Manual Integrations APPROVED
MMDadoda
1/4/2021 12:17:31 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	273099	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	257635	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.26	152	120004	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	91179	4.64	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.80%			
7) Chloroethane-d5	1.57	69	78102	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.20%			
11) 1,1-Dichloroethene-d2	2.11	63	145081	3.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.20%			
20) 2-Butanone-d5	3.94	46	196988	47.51	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.02%			
24) Chloroform-d	4.35	84	158716	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.20%			
26) 1,2-Dichloroethane-d4	5.04	65	87840	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
32) Benzene-d6	5.05	84	329739	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
36) 1,2-Dichloropropane-d6	6.08	67	104351	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.20%			
41) Toluene-d8	7.32	98	283021	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
43) trans-1,3-Dichloropropene-	7.63	79	32291	4.36	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.20%			
46) 2-Hexanone-d5	8.10	63	124792	41.93	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.86%			
56) 1,1,2,2-Tetrachloroethane-	10.22	84	58235	4.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.80%			
66) 1,2-Dichlorobenzene-d4	11.63	152	90242	4.84	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.13	85	7410	0.284	ug/L	98
3) Chloromethane	1.24	50	8056	0.279	ug/L	99
5) Vinyl chloride	1.31	62	7892	0.278	ug/L	88
6) Bromomethane	1.52	94	4658	0.281	ug/L	97
8) Chloroethane	1.59	64	5142	0.297	ug/L	89
9) Trichlorofluoromethane	1.75	101	9147	0.266	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	6728	0.363	ug/L	90
12) 1,1-Dichloroethene	2.12	96	6165	0.326	ug/L #	1
13) Acetone	2.23	43	9650m	3.104	ug/L	
14) Carbon disulfide	2.29	76	17454	0.266	ug/L	100
15) Methyl Acetate	2.45	43	1663m	0.214	ug/L	
16) Methylene chloride	2.51	84	9125	0.396	ug/L	93
17) Methyl tert-butyl Ether	2.78	73	11382	0.240	ug/L #	91
18) trans-1,2-Dichloroethene	2.76	96	5527	0.259	ug/L	87
19) 1,1-Dichloroethane	3.20	63	10888	0.263	ug/L	98
21) 2-Butanone	4.02	43	13568m	2.594	ug/L	
22) cis-1,2-Dichloroethene	3.93	96	5792	0.261	ug/L	98

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Quant Time: Jan 04 10:10:06 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 31 02:03:35 2020
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.26	128	2473	0.279 ug/L		97
25) Chloroform	4.38	83	20369	0.495 ug/L		97
27) 1,2-Dichloroethane	5.14	62	6253	0.249 ug/L		97
29) 1,1,1-Trichloroethane	4.62	97	9028	0.257 ug/L	#	86
30) Cyclohexane	4.68	56	9699	0.274 ug/L		98
31) Carbon tetrachloride	4.83	117	7558	0.263 ug/L		93
33) Benzene	5.11	78	23196	0.269 ug/L		100
34) Trichloroethene	5.92	95	6247	0.271 ug/L		94
35) Methylcyclohexane	6.14	83	9027	0.262 ug/L		96
37) 1,2-Dichloropropane	6.19	63	5474	0.253 ug/L	#	91
38) Bromodichloromethane	6.52	83	7155	0.268 ug/L	#	91
39) cis-1,3-Dichloropropene	7.04	75	7284	0.245 ug/L		98
40) 4-Methyl-2-pentanone	7.24	43	28831	2.360 ug/L	#	90
42) Toluene	7.40	91	22902	0.261 ug/L		100
44) trans-1,3-Dichloropropene	7.66	75	6515	0.268 ug/L		92
45) 1,1,2-Trichloroethane	7.85	97	3519	0.252 ug/L		92
47) Tetrachloroethene	7.98	164	4559	0.291 ug/L		84
48) 2-Hexanone	8.15	43	37096	4.381 ug/L		91
49) Dibromochloromethane	8.25	129	3525	0.233 ug/L		97
50) 1,2-Dibromoethane	8.36	107	3163	0.249 ug/L	#	91
51) Chlorobenzene	8.89	112	15081	0.272 ug/L		98
52) Ethylbenzene	9.02	91	23745	0.245 ug/L		97
53) m,p-xylene	9.15	106	9450	0.266 ug/L		89
54) o-xylene	9.55	106	8337	0.245 ug/L		91
55) Styrene	9.57	104	12767	0.222 ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.25	83	4113	0.278 ug/L	#	91
59) Bromoform	9.74	173	1581	0.243 ug/L	#	89
60) Isopropylbenzene	9.94	105	21705	0.248 ug/L		98
61) 1,2,3-Trichloropropane	10.29	75	3056	0.263 ug/L		94
62) 1,3,5-Trimethylbenzene	10.55	105	17162	0.238 ug/L		98
63) 1,2,4-Trimethylbenzene	10.92	105	17570	0.239 ug/L		100
64) 1,3-Dichlorobenzene	11.19	146	9853	0.257 ug/L		98
65) 1,4-Dichlorobenzene	11.28	146	10908	0.283 ug/L		96
67) 1,2-Dichlorobenzene	11.65	146	9891	0.280 ug/L		93
68) 1,2-Dibromo-3-chloropropan	12.43	75	548m	0.229 ug/L		
69) 1,3,5-Trichlorobenzene	12.66	180	7786	0.274 ug/L		98
70) 1,2,4-trichlorobenzene	13.27	180	5341	0.231 ug/L		94
71) Naphthalene	13.51	128	6362	0.182 ug/L		99
72) 1,2,3-Trichlorobenzene	13.76	180	4799	0.244 ug/L		97

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

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