Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV123120\
Data File : VV019882.D
Acq On : 31 Dec 2020 15:15
Operator : SY/MD
Sample : L4485-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-07

Manual Integrations APPROVED
MMDadoda
1/4/2021 11:41:51 AM

Quant Time: Jan 04 10:11:26 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 01 00:38:14 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	249951	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	238053	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.26	152	110483	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.30	65	81183	4.52	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.40%			
7) Chloroethane-d5	1.57	69	70257	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.60%			
11) 1,1-Dichloroethene-d2	2.10	63	132190	3.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.00%			
20) 2-Butanone-d5	3.95	46	176587	46.53	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.06%			
24) Chloroform-d	4.35	84	144153	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.60%			
26) 1,2-Dichloroethane-d4	5.04	65	79669	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
32) Benzene-d6	5.05	84	298723	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%			
36) 1,2-Dichloropropane-d6	6.07	67	93298	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.00%			
41) Toluene-d8	7.32	98	256232	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
43) trans-1,3-Dichloropropene-	7.63	79	28074	4.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.20%			
46) 2-Hexanone-d5	8.10	63	113763	41.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.72%			
56) 1,1,2,2-Tetrachloroethane-	10.22	84	52541	4.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.60%			
66) 1,2-Dichlorobenzene-d4	11.63	152	83521	4.87	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.13	85	5506	0.230	ug/L	95
3) Chloromethane	1.24	50	6647	0.251	ug/L	99
5) Vinyl chloride	1.31	62	6583m	0.254	ug/L	
6) Bromomethane	1.52	94	3853	0.254	ug/L	95
8) Chloroethane	1.58	64	3550	0.224	ug/L	87
9) Trichlorofluoromethane	1.75	101	7593	0.241	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	5071	0.299	ug/L	90
12) 1,1-Dichloroethene	2.11	96	5331	0.308	ug/L #	1
13) Acetone	2.25	43	9243m	3.248	ug/L	
14) Carbon disulfide	2.29	76	13743	0.229	ug/L	100
15) Methyl Acetate	2.44	43	1043m	0.147	ug/L	
16) Methylene chloride	2.51	84	8029	0.381	ug/L	96
17) Methyl tert-butyl Ether	2.78	73	9692	0.224	ug/L #	89
18) trans-1,2-Dichloroethene	2.77	96	4457	0.228	ug/L	90
19) 1,1-Dichloroethane	3.20	63	9029	0.238	ug/L	96
21) 2-Butanone	4.05	43	10810m	2.258	ug/L	
22) cis-1,2-Dichloroethene	3.92	96	4749	0.234	ug/L	97

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Quant Time: Jan 04 10:11:26 2021
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 01 00:38:14 2021
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.26	128	1927	0.238 ug/L		87
25) Chloroform	4.38	83	21365	0.567 ug/L		97
27) 1,2-Dichloroethane	5.15	62	5952	0.259 ug/L	#	89
29) 1,1,1-Trichloroethane	4.61	97	7321	0.226 ug/L		98
30) Cyclohexane	4.68	56	7585	0.232 ug/L	#	90
31) Carbon tetrachloride	4.84	117	5847m	0.220 ug/L		
33) Benzene	5.11	78	16989	0.213 ug/L		100
34) Trichloroethene	5.92	95	5087	0.239 ug/L		97
35) Methylcyclohexane	6.14	83	6783	0.213 ug/L		97
37) 1,2-Dichloropropane	6.19	63	4439	0.222 ug/L		100
38) Bromodichloromethane	6.52	83	5554	0.225 ug/L		95
39) cis-1,3-Dichloropropene	7.04	75	5280	0.192 ug/L		94
40) 4-Methyl-2-pentanone	7.24	43	22523	1.996 ug/L	#	90
42) Toluene	7.40	91	18786	0.232 ug/L		98
44) trans-1,3-Dichloropropene	7.66	75	6283	0.280 ug/L		95
45) 1,1,2-Trichloroethane	7.86	97	2918	0.226 ug/L		92
47) Tetrachloroethene	7.98	164	3148	0.218 ug/L		88
48) 2-Hexanone	8.15	43	32499	4.154 ug/L		89
49) Dibromochloromethane	8.25	129	2763	0.198 ug/L		96
50) 1,2-Dibromoethane	8.36	107	2729	0.232 ug/L	#	78
51) Chlorobenzene	8.89	112	10933	0.214 ug/L		94
52) Ethylbenzene	9.02	91	19195	0.214 ug/L		97
53) m,p-xylene	9.15	106	6804	0.208 ug/L		97
54) o-xylene	9.55	106	6674	0.212 ug/L		88
55) Styrene	9.57	104	10469	0.197 ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.25	83	3070	0.224 ug/L	#	80
59) Bromoform	9.74	173	1198	0.200 ug/L	#	91
60) Isopropylbenzene	9.94	105	17767	0.221 ug/L		99
61) 1,2,3-Trichloropropane	10.29	75	2941	0.275 ug/L		92
62) 1,3,5-Trimethylbenzene	10.55	105	13523	0.203 ug/L		96
63) 1,2,4-Trimethylbenzene	10.92	105	13337	0.197 ug/L		99
64) 1,3-Dichlorobenzene	11.19	146	7471	0.212 ug/L		93
65) 1,4-Dichlorobenzene	11.28	146	8560	0.242 ug/L		97
67) 1,2-Dichlorobenzene	11.65	146	8170	0.252 ug/L		97
68) 1,2-Dibromo-3-chloropropan	12.43	75	435	0.197 ug/L	#	75
69) 1,3,5-Trichlorobenzene	12.65	180	5533	0.211 ug/L		96
70) 1,2,4-trichlorobenzene	13.27	180	4168	0.196 ug/L		96
71) Naphthalene	13.52	128	4704	0.146 ug/L	#	92
72) 1,2,3-Trichlorobenzene	13.76	180	3512	0.194 ug/L		95

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

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