Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV123120\
Data File : VV019881.D
Acq On : 31 Dec 2020 14:51
Operator : SY/MD
Sample : L4485-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-06

Manual Integrations APPROVED
MMDadoda
1/4/2021 11:41:48 AM

Quant Time: Jan 04 10:10:55 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	265385	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	250864	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.26	152	116952	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.30	65	81880	4.29	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.80%			
7) Chloroethane-d5	1.57	69	71657	4.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.00%			
11) 1,1-Dichloroethene-d2	2.10	63	133862	3.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.60%			
20) 2-Butanone-d5	3.93	46	165433	41.06	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.12%			
24) Chloroform-d	4.36	84	149553	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.60%			
26) 1,2-Dichloroethane-d4	5.04	65	85796	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.05	84	309794	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
36) 1,2-Dichloropropane-d6	6.08	67	97951	4.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.80%			
41) Toluene-d8	7.32	98	264985	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.20%			
43) trans-1,3-Dichloropropene-	7.63	79	31118	4.32	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.40%			
46) 2-Hexanone-d5	8.10	63	119552	41.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.50%			
56) 1,1,2,2-Tetrachloroethane-	10.22	84	53689	4.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.00%			
66) 1,2-Dichlorobenzene-d4	11.63	152	85476	4.71	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.13	85	6281	0.247	ug/L	99
3) Chloromethane	1.24	50	7120	0.254	ug/L	97
5) Vinyl chloride	1.31	62	7190	0.261	ug/L #	79
6) Bromomethane	1.52	94	4338	0.269	ug/L	90
8) Chloroethane	1.58	64	4167	0.248	ug/L	90
9) Trichlorofluoromethane	1.75	101	8409	0.251	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	5558	0.309	ug/L	89
12) 1,1-Dichloroethene	2.12	96	5796	0.315	ug/L #	1
13) Acetone	2.23	43	9458m	3.130	ug/L	
14) Carbon disulfide	2.29	76	15941	0.250	ug/L	97
15) Methyl Acetate	2.45	43	1567m	0.208	ug/L	
16) Methylene chloride	2.50	84	8420	0.376	ug/L	99
17) Methyl tert-butyl Ether	2.78	73	10814	0.235	ug/L #	92
18) trans-1,2-Dichloroethene	2.77	96	4852	0.234	ug/L	83
19) 1,1-Dichloroethane	3.19	63	9736	0.242	ug/L	96
21) 2-Butanone	4.02	43	12988m	2.555	ug/L	
22) cis-1,2-Dichloroethene	3.92	96	4934	0.229	ug/L	96

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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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.26	128	1834	0.213	ug/L		93
25) Chloroform	4.38	83	19999	0.500	ug/L		90
27) 1,2-Dichloroethane	5.14	62	6550	0.269	ug/L		100
29) 1,1,1-Trichloroethane	4.61	97	7685	0.225	ug/L		96
30) Cyclohexane	4.68	56	8460	0.246	ug/L		98
31) Carbon tetrachloride	4.83	117	6165	0.221	ug/L		99
33) Benzene	5.11	78	18729	0.223	ug/L		100
34) Trichloroethene	5.93	95	5849	0.261	ug/L		95
35) Methylcyclohexane	6.13	83	8108	0.242	ug/L		98
37) 1,2-Dichloropropane	6.19	63	4454	0.211	ug/L		98
38) Bromodichloromethane	6.52	83	5912	0.228	ug/L		93
39) cis-1,3-Dichloropropene	7.04	75	6187	0.214	ug/L		98
40) 4-Methyl-2-pentanone	7.24	43	24313	2.044	ug/L	#	90
42) Toluene	7.40	91	19503	0.229	ug/L		93
44) trans-1,3-Dichloropropene	7.66	75	6896	0.291	ug/L	#	74
45) 1,1,2-Trichloroethane	7.86	97	3188	0.234	ug/L		93
47) Tetrachloroethene	7.98	164	3632	0.238	ug/L		89
48) 2-Hexanone	8.15	43	34921	4.236	ug/L		92
49) Dibromochloromethane	8.25	129	3197	0.217	ug/L		92
50) 1,2-Dibromoethane	8.36	107	2811	0.227	ug/L	#	87
51) Chlorobenzene	8.89	112	12605	0.234	ug/L		97
52) Ethylbenzene	9.02	91	20712	0.219	ug/L		98
53) m,p-xylene	9.15	106	7822	0.226	ug/L		88
54) o-xylene	9.55	106	6963	0.210	ug/L		92
55) Styrene	9.57	104	10687	0.191	ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.25	83	3889	0.270	ug/L		98
59) Bromoform	9.74	173	1367	0.215	ug/L	#	88
60) Isopropylbenzene	9.94	105	18167	0.213	ug/L		99
61) 1,2,3-Trichloropropane	10.28	75	2784	0.246	ug/L		97
62) 1,3,5-Trimethylbenzene	10.55	105	15705	0.223	ug/L		96
63) 1,2,4-Trimethylbenzene	10.92	105	14776	0.206	ug/L		98
64) 1,3-Dichlorobenzene	11.19	146	8888	0.238	ug/L		97
65) 1,4-Dichlorobenzene	11.28	146	9467	0.252	ug/L		94
67) 1,2-Dichlorobenzene	11.65	146	8350	0.243	ug/L		95
68) 1,2-Dibromo-3-chloropropan	12.43	75	466m	0.200	ug/L		
69) 1,3,5-Trichlorobenzene	12.66	180	6271	0.226	ug/L		96
70) 1,2,4-trichlorobenzene	13.27	180	4581	0.203	ug/L		98
71) Naphthalene	13.51	128	5528	0.162	ug/L	#	94
72) 1,2,3-Trichlorobenzene	13.75	180	3880	0.202	ug/L		98

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

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