Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122920\
Data File : VV019868.D
Acq On : 29 Dec 2020 17:17
Operator : SY/MD
Sample : L4485-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 30 05:09:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 30 04:48:15 2020
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-03

Manual Integrations APPROVED
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12/30/2020 6:35:38 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	277118	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	260488	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.26	152	120394	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.30	65	96669	4.85	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.00%			
7) Chloroethane-d5	1.56	69	81863	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.40%			
11) 1,1-Dichloroethene-d2	2.10	63	149593	3.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.40%			
20) 2-Butanone-d5	3.94	46	207401	49.30	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.60%			
24) Chloroform-d	4.35	84	171819	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
26) 1,2-Dichloroethane-d4	5.04	65	93536	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.60%			
32) Benzene-d6	5.05	84	350161	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
36) 1,2-Dichloropropane-d6	6.08	67	108003	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.60%			
41) Toluene-d8	7.32	98	299049	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
43) trans-1,3-Dichloropropene-	7.63	79	35156	4.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.00%			
46) 2-Hexanone-d5	8.10	63	132473	44.02	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.04%			
56) 1,1,2,2-Tetrachloroethane-	10.22	84	58370	4.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.00%			
66) 1,2-Dichlorobenzene-d4	11.63	152	94674	5.06	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.13	85	5341	0.202	ug/L	96
3) Chloromethane	1.24	50	7007	0.239	ug/L	93
5) Vinyl chloride	1.31	62	6697	0.233	ug/L #	74
6) Bromomethane	1.52	94	4114	0.244	ug/L	84
8) Chloroethane	1.58	64	3878	0.221	ug/L	92
9) Trichlorofluoromethane	1.75	101	7659	0.219	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	5043	0.268	ug/L	90
12) 1,1-Dichloroethene	2.11	96	5492	0.286	ug/L #	1
13) Acetone	2.22	43	10399m	3.296	ug/L	
14) Carbon disulfide	2.29	76	14617	0.220	ug/L	97
15) Methyl Acetate	2.46	43	1228	0.156	ug/L	95
16) Methylene chloride	2.51	84	7046	0.301	ug/L	98
17) Methyl tert-butyl Ether	2.78	73	10077	0.210	ug/L #	88
18) trans-1,2-Dichloroethene	2.76	96	4613	0.213	ug/L	94
19) 1,1-Dichloroethane	3.19	63	9120	0.217	ug/L	97
21) 2-Butanone	4.02	43	12315m	2.320	ug/L	
22) cis-1,2-Dichloroethene	3.92	96	4528	0.201	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.25	128	2002	0.223 ug/L #	90
25) Chloroform	4.38	83	16172	0.387 ug/L	91
27) 1,2-Dichloroethane	5.15	62	5674	0.223 ug/L	98
29) 1,1,1-Trichloroethane	4.61	97	7340	0.207 ug/L	95
30) Cyclohexane	4.68	56	7334	0.205 ug/L	96
31) Carbon tetrachloride	4.83	117	5986	0.206 ug/L	99
33) Benzene	5.11	78	17755	0.204 ug/L	100
34) Trichloroethene	5.92	95	5524	0.237 ug/L	89
35) Methylcyclohexane	6.13	83	7814	0.224 ug/L	94
37) 1,2-Dichloropropane	6.19	63	4296	0.196 ug/L #	95
38) Bromodichloromethane	6.52	83	5673	0.210 ug/L	99
39) cis-1,3-Dichloropropene	7.04	75	5458	0.182 ug/L	86
40) 4-Methyl-2-pentanone	7.24	43	23916	1.936 ug/L #	88
42) Toluene	7.40	91	19809	0.224 ug/L	94
44) trans-1,3-Dichloropropene	7.67	75	5048	0.205 ug/L	89
45) 1,1,2-Trichloroethane	7.85	97	3179	0.225 ug/L	89
47) Tetrachloroethene	7.98	164	3694	0.233 ug/L	94
48) 2-Hexanone	8.15	43	34476	4.027 ug/L #	91
49) Dibromochloromethane	8.25	129	2846	0.186 ug/L	97
50) 1,2-Dibromoethane	8.36	107	2920	0.227 ug/L #	99
51) Chlorobenzene	8.89	112	12275	0.219 ug/L	98
52) Ethylbenzene	9.02	91	19567	0.199 ug/L	99
53) m,p-xylene	9.15	106	7148	0.199 ug/L	97
54) o-xylene	9.55	106	7159	0.208 ug/L	99
55) Styrene	9.57	104	10101	0.174 ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.25	83	3336	0.223 ug/L #	96
59) Bromoform	9.75	173	1326	0.203 ug/L #	81
60) Isopropylbenzene	9.94	105	18154	0.207 ug/L	98
61) 1,2,3-Trichloropropane	10.29	75	2593	0.223 ug/L	93
62) 1,3,5-Trimethylbenzene	10.55	105	13763	0.190 ug/L	99
63) 1,2,4-Trimethylbenzene	10.93	105	14356	0.194 ug/L	99
64) 1,3-Dichlorobenzene	11.19	146	8733	0.227 ug/L	94
65) 1,4-Dichlorobenzene	11.28	146	9428	0.244 ug/L	96
67) 1,2-Dichlorobenzene	11.65	146	8137	0.230 ug/L	96
68) 1,2-Dibromo-3-chloropropan	12.44	75	514	0.214 ug/L	89
69) 1,3,5-Trichlorobenzene	12.66	180	5495	0.193 ug/L	89
70) 1,2,4-trichlorobenzene	13.28	180	4622	0.199 ug/L	92
71) Naphthalene	13.52	128	5246	0.150 ug/L #	93
72) 1,2,3-Trichlorobenzene	13.75	180	3890	0.197 ug/L	99

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

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