Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110120\
Data File : VX019200.D
Acq On : 30 Oct 2020 12:54
Operator : JC/MD
Sample : L4485-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-06

Quant Time: Oct 30 14:03:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 30 08:55:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	246854	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	224853	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	103428	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	66401	4.16	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.20%			
7) Chloroethane-d5	1.70	69	57416	4.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.20%			
11) 1,1-Dichloroethene-d2	2.34	63	101367	3.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.00%			
20) 2-Butanone-d5	4.56	46	162129	46.45	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.90%			
24) Chloroform-d	5.14	84	130828	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%			
26) 1,2-Dichloroethane-d4	6.03	65	71729	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.60%			
32) Benzene-d6	6.04	84	268414	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.60%			
36) 1,2-Dichloropropane-d6	7.37	67	78305	4.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.20%			
41) Toluene-d8	8.69	98	246471	4.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.80%			
43) trans-1,3-Dichloropropene-	8.99	79	32064	4.29	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.80%			
46) 2-Hexanone-d5	9.43	63	147172	44.97	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.94%			
56) 1,1,2,2-Tetrachloroethane-	11.23	84	57070	4.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.60%			
66) 1,2-Dichlorobenzene-d4	12.36	152	85668	4.46	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	4464	0.219	ug/L	99
3) Chloromethane	1.31	50	4236	0.241	ug/L	96
5) Vinyl chloride	1.39	62	4723	0.238	ug/L	83
6) Bromomethane	1.64	94	3062	0.240	ug/L	94
8) Chloroethane	1.72	64	2575	0.214	ug/L	95
9) Trichlorofluoromethane	1.92	101	6223	0.217	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	4290	0.264	ug/L #	85
12) 1,1-Dichloroethene	2.36	96	4155	0.262	ug/L #	1
13) Acetone	2.47	43	3325	1.671	ug/L	96
14) Carbon disulfide	2.55	76	10624	0.216	ug/L	98
15) Methyl Acetate	2.76	43	1311	0.247	ug/L	92
16) Methylene chloride	2.83	84	8623	0.457	ug/L	89
17) Methyl tert-butyl Ether	3.16	73	8132	0.215	ug/L #	94
18) trans-1,2-Dichloroethene	3.14	96	3761	0.226	ug/L	97
19) 1,1-Dichloroethane	3.67	63	6048	0.212	ug/L	95
21) 2-Butanone	4.66	43	8409	2.406	ug/L	94
22) cis-1,2-Dichloroethene	4.56	96	3649	0.206	ug/L	91

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ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-06

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 30 08:55:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.97	128	1700	0.230 ug/L	93
25) Chloroform	5.17	83	7196	0.243 ug/L	87
27) 1,2-Dichloroethane	6.15	62	4223	0.228 ug/L #	92
29) 1,1,1-Trichloroethane	5.45	97	5711	0.206 ug/L	97
30) Cyclohexane	5.54	56	5531	0.200 ug/L	98
31) Carbon tetrachloride	5.75	117	4711	0.199 ug/L	97
33) Benzene	6.11	78	14242	0.213 ug/L	100
34) Trichloroethene	7.18	95	3868	0.211 ug/L	94
35) Methylcyclohexane	7.44	83	6040	0.204 ug/L	99
37) 1,2-Dichloropropane	7.48	63	3454	0.219 ug/L #	90
38) Bromodichloromethane	7.87	83	4217	0.205 ug/L	96
39) cis-1,3-Dichloropropene	8.41	75	5051	0.208 ug/L	91
40) 4-Methyl-2-pentanone	8.62	43	17268	2.048 ug/L #	87
42) Toluene	8.76	91	15311	0.212 ug/L	100
44) trans-1,3-Dichloropropene	9.02	75	5437	0.268 ug/L	99
45) 1,1,2-Trichloroethane	9.20	97	2402	0.208 ug/L	96
47) Tetrachloroethene	9.32	164	3135	0.224 ug/L	94
48) 2-Hexanone	9.47	43	13025	2.209 ug/L	99
49) Dibromochloromethane	9.56	129	2594	0.194 ug/L	91
50) 1,2-Dibromoethane	9.65	107	2254	0.211 ug/L #	96
51) Chlorobenzene	10.12	112	9509	0.208 ug/L	99
52) Ethylbenzene	10.23	91	15915	0.197 ug/L	92
53) m,p-xylene	10.34	106	5973	0.192 ug/L	93
54) o-xylene	10.68	106	5674	0.191 ug/L	94
55) Styrene	10.70	104	9109	0.187 ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.25	83	2883	0.220 ug/L #	94
59) Bromoform	10.84	173	1306	0.192 ug/L	91
60) Isopropylbenzene	11.00	105	15013	0.198 ug/L	100
61) 1,2,3-Trichloropropane	11.28	75	2058	0.222 ug/L	96
62) 1,3,5-Trimethylbenzene	11.49	105	11770	0.185 ug/L	99
63) 1,2,4-Trimethylbenzene	11.79	105	12499	0.194 ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	6966	0.206 ug/L	95
65) 1,4-Dichlorobenzene	12.08	146	7109	0.211 ug/L	96
67) 1,2-Dichlorobenzene	12.37	146	6628	0.214 ug/L #	91
68) 1,2-Dibromo-3-chloropropan	12.98	75	439	0.207 ug/L	90
69) 1,3,5-Trichlorobenzene	13.15	180	4745	0.192 ug/L	94
70) 1,2,4-trichlorobenzene	13.63	180	3997	0.185 ug/L	96
71) Naphthalene	13.82	128	6737	0.173 ug/L	100
72) 1,2,3-Trichlorobenzene	14.00	180	3632	0.190 ug/L	98

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

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