Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103020\
Data File : VX019185.D
Acq On : 29 Oct 2020 12:15
Operator : JC/MD
Sample : L4485-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-04

Quant Time: Oct 29 11:36:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 29 06:24:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	234771	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	208061	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	98475	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	66548	4.38	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.60%			
7) Chloroethane-d5	1.70	69	55881	4.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.20%			
11) 1,1-Dichloroethene-d2	2.34	63	101125	3.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.20%			
20) 2-Butanone-d5	4.56	46	156404	47.12	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.24%			
24) Chloroform-d	5.14	84	125233	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.40%			
26) 1,2-Dichloroethane-d4	6.03	65	67811	4.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.20%			
32) Benzene-d6	6.04	84	260481	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.80%			
36) 1,2-Dichloropropane-d6	7.37	67	76111	4.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.80%			
41) Toluene-d8	8.70	98	239947	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
43) trans-1,3-Dichloropropene-	8.99	79	30898	4.47	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.40%			
46) 2-Hexanone-d5	9.43	63	145455	48.04	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.08%			
56) 1,1,2,2-Tetrachloroethane-	11.23	84	55076	4.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.40%			
66) 1,2-Dichlorobenzene-d4	12.36	152	84918	4.65	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	4599	0.237	ug/L	99
3) Chloromethane	1.31	50	4504	0.269	ug/L	99
5) Vinyl chloride	1.39	62	4960	0.263	ug/L #	80
6) Bromomethane	1.64	94	2956	0.243	ug/L	88
8) Chloroethane	1.72	64	2867	0.251	ug/L	94
9) Trichlorofluoromethane	1.92	101	6556	0.241	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	4440	0.287	ug/L #	87
12) 1,1-Dichloroethene	2.35	96	4475	0.297	ug/L #	1
13) Acetone	2.46	43	4658	2.461	ug/L	96
14) Carbon disulfide	2.55	76	11545	0.247	ug/L	96
15) Methyl Acetate	2.76	43	1381	0.273	ug/L #	89
16) Methylene chloride	2.83	84	7180	0.400	ug/L	91
17) Methyl tert-butyl Ether	3.17	73	8979	0.249	ug/L	95
18) trans-1,2-Dichloroethene	3.14	96	3872	0.244	ug/L	99
19) 1,1-Dichloroethane	3.67	63	6504	0.240	ug/L	98
21) 2-Butanone	4.66	43	8691	2.615	ug/L	74
22) cis-1,2-Dichloroethene	4.56	96	4043	0.240	ug/L	95

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 29 06:24:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.98	128	1702	0.243 ug/L	80
25) Chloroform	5.17	83	8267	0.293 ug/L	95
27) 1,2-Dichloroethane	6.16	62	4515	0.256 ug/L	97
29) 1,1,1-Trichloroethane	5.45	97	6314	0.246 ug/L	99
30) Cyclohexane	5.54	56	6337	0.247 ug/L	99
31) Carbon tetrachloride	5.75	117	5099	0.233 ug/L	94
33) Benzene	6.10	78	15401	0.248 ug/L	100
34) Trichloroethene	7.18	95	4187	0.247 ug/L	93
35) Methylcyclohexane	7.43	83	6533	0.238 ug/L	94
37) 1,2-Dichloropropane	7.48	63	3613	0.247 ug/L	100
38) Bromodichloromethane	7.87	83	4542	0.239 ug/L	99
39) cis-1,3-Dichloropropene	8.42	75	5410	0.241 ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	18924	2.426 ug/L #	85
42) Toluene	8.76	91	16713	0.250 ug/L	98
44) trans-1,3-Dichloropropene	9.02	75	5950	0.317 ug/L	99
45) 1,1,2-Trichloroethane	9.20	97	2555	0.240 ug/L	94
47) Tetrachloroethene	9.32	164	3175	0.245 ug/L	93
48) 2-Hexanone	9.48	43	14566	2.670 ug/L	99
49) Dibromochloromethane	9.57	129	2903	0.235 ug/L	94
50) 1,2-Dibromoethane	9.65	107	2442	0.247 ug/L #	96
51) Chlorobenzene	10.12	112	10355	0.244 ug/L	94
52) Ethylbenzene	10.23	91	17624	0.235 ug/L	100
53) m,p-xylene	10.34	106	6620	0.230 ug/L	99
54) o-xylene	10.68	106	6400	0.232 ug/L	99
55) Styrene	10.70	104	9771	0.217 ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.25	83	3193	0.263 ug/L #	94
59) Bromoform	10.84	173	1450	0.224 ug/L	99
60) Isopropylbenzene	11.00	105	17260	0.239 ug/L	97
61) 1,2,3-Trichloropropane	11.28	75	2166	0.245 ug/L	94
62) 1,3,5-Trimethylbenzene	11.49	105	13245	0.219 ug/L	95
63) 1,2,4-Trimethylbenzene	11.79	105	13764	0.224 ug/L	98
64) 1,3-Dichlorobenzene	12.01	146	7738	0.241 ug/L	97
65) 1,4-Dichlorobenzene	12.08	146	7625	0.238 ug/L	91
67) 1,2-Dichlorobenzene	12.38	146	7323	0.248 ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.98	75	502	0.248 ug/L	98
69) 1,3,5-Trichlorobenzene	13.15	180	5372	0.228 ug/L	98
70) 1,2,4-trichlorobenzene	13.63	180	4707	0.229 ug/L	93
71) Naphthalene	13.82	128	7500	0.203 ug/L	100
72) 1,2,3-Trichlorobenzene	14.00	180	4085	0.225 ug/L	96

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

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