Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102920\
Data File : VX019176.D
Acq On : 28 Oct 2020 20:50
Operator : JC/MD
Sample : L4485-08
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-01

Manual Integrations APPROVED
MMDadoda
10/29/2020 11:04:27 AM

Quant Time: Oct 29 06:54:55 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	6.83	114	188692	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	169042	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	77205	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	65121	5.34	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.80%			
7) Chloroethane-d5	1.70	69	52806	5.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.80%			
11) 1,1-Dichloroethene-d2	2.34	63	93746	3.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.60%			
20) 2-Butanone-d5	4.56	46	142414	53.38	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.76%			
24) Chloroform-d	5.14	84	116434	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
26) 1,2-Dichloroethane-d4	6.03	65	62995	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
32) Benzene-d6	6.04	84	243377	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.60%			
36) 1,2-Dichloropropane-d6	7.37	67	69960	5.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.20%			
41) Toluene-d8	8.70	98	225611	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
43) trans-1,3-Dichloropropene-	8.99	79	28309	5.04	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.80%			
46) 2-Hexanone-d5	9.43	63	132545	53.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.76%			
56) 1,1,2,2-Tetrachloroethane-	11.23	84	51207	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.20%			
66) 1,2-Dichlorobenzene-d4	12.36	152	77896	5.44	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	3211	0.206	ug/L	98
3) Chloromethane	1.31	50	3112	0.231	ug/L	97
5) Vinyl chloride	1.39	62	3491	0.230	ug/L	84
6) Bromomethane	1.64	94	2500	0.256	ug/L	97
8) Chloroethane	1.72	64	2099	0.228	ug/L	94
9) Trichlorofluoromethane	1.92	101	4375	0.200	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	3397	0.273	ug/L #	84
12) 1,1-Dichloroethene	2.36	96	3344	0.276	ug/L #	1
13) Acetone	2.45	43	2984m	1.962	ug/L	
14) Carbon disulfide	2.55	76	7948	0.212	ug/L #	93
15) Methyl Acetate	2.76	43	805m	0.198	ug/L	
16) Methylene chloride	2.83	84	4858	0.337	ug/L	97
17) Methyl tert-butyl Ether	3.17	73	5969	0.206	ug/L #	90
18) trans-1,2-Dichloroethene	3.14	96	2562	0.201	ug/L	95
19) 1,1-Dichloroethane	3.67	63	4247	0.195	ug/L	92
21) 2-Butanone	4.68	43	4914	1.839	ug/L	77
22) cis-1,2-Dichloroethene	4.56	96	2795	0.206	ug/L	98

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Quant Time: Oct 29 06:54:55 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)
23) Bromochloromethane	4.99	128	1108	0.197 ug/L	#	96
25) Chloroform	5.17	83	5531	0.244 ug/L		92
27) 1,2-Dichloroethane	6.17	62	3199	0.226 ug/L	#	93
29) 1,1,1-Trichloroethane	5.46	97	4123	0.198 ug/L		97
30) Cyclohexane	5.54	56	4387	0.211 ug/L		99
31) Carbon tetrachloride	5.75	117	3344	0.188 ug/L		98
33) Benzene	6.11	78	10192	0.202 ug/L		100
34) Trichloroethene	7.18	95	2909	0.211 ug/L		88
35) Methylcyclohexane	7.43	83	4374	0.196 ug/L		97
37) 1,2-Dichloropropane	7.48	63	2518	0.212 ug/L	#	92
38) Bromodichloromethane	7.88	83	2907	0.188 ug/L		94
39) cis-1,3-Dichloropropene	8.42	75	3478	0.191 ug/L		97
40) 4-Methyl-2-pentanone	8.62	43	13034	2.057 ug/L	#	85
42) Toluene	8.76	91	10902	0.200 ug/L		95
44) trans-1,3-Dichloropropene	9.02	75	2785m	0.182 ug/L		
45) 1,1,2-Trichloroethane	9.20	97	1721	0.199 ug/L		89
47) Tetrachloroethene	9.32	164	2157	0.205 ug/L		87
48) 2-Hexanone	9.48	43	9821	2.215 ug/L		96
49) Dibromochloromethane	9.57	129	1884	0.188 ug/L		100
50) 1,2-Dibromoethane	9.65	107	1672	0.208 ug/L	#	88
51) Chlorobenzene	10.12	112	6945	0.202 ug/L		96
52) Ethylbenzene	10.23	91	11613	0.191 ug/L		95
53) m,p-xylene	10.34	106	4586	0.196 ug/L		99
54) o-xylene	10.68	106	4302	0.192 ug/L		96
55) Styrene	10.70	104	6444	0.176 ug/L		91
57) 1,1,2,2-Tetrachloroethane	11.25	83	2142	0.217 ug/L	#	93
59) Bromoform	10.84	173	860	0.170 ug/L	#	95
60) Isopropylbenzene	11.00	105	11412	0.201 ug/L		97
61) 1,2,3-Trichloropropane	11.28	75	1545	0.223 ug/L		98
62) 1,3,5-Trimethylbenzene	11.49	105	9023	0.190 ug/L		97
63) 1,2,4-Trimethylbenzene	11.79	105	9268	0.193 ug/L		98
64) 1,3-Dichlorobenzene	12.01	146	5215	0.207 ug/L		96
65) 1,4-Dichlorobenzene	12.08	146	5507	0.219 ug/L		97
67) 1,2-Dichlorobenzene	12.38	146	4804	0.207 ug/L		93
68) 1,2-Dibromo-3-chloropropan	12.99	75	311	0.196 ug/L	#	84
69) 1,3,5-Trichlorobenzene	13.15	180	3646	0.197 ug/L		97
70) 1,2,4-trichlorobenzene	13.63	180	3161	0.196 ug/L		98
71) Naphthalene	13.82	128	5084	0.175 ug/L		97
72) 1,2,3-Trichlorobenzene	14.00	180	2771	0.195 ug/L		99

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

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