Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110120\
Data File : VX019201.D
Acq On : 30 Oct 2020 14:41
Operator : JC/MD
Sample : L4485-14
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-07

Manual Integrations APPROVED
MMDadoda
11/2/2020 10:57:05 AM

Quant Time: Oct 30 14:05:09 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	218971	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	196523	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	93303	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	54845	3.87	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.40%			
7) Chloroethane-d5	1.70	69	47202	4.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.00%			
11) 1,1-Dichloroethene-d2	2.34	63	84766	3.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.20%			
20) 2-Butanone-d5	4.56	46	136087	43.96	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 87.92%			
24) Chloroform-d	5.14	84	108241	4.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.00%			
26) 1,2-Dichloroethane-d4	6.03	65	58364	3.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.60%			
32) Benzene-d6	6.04	84	221901	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.80%			
36) 1,2-Dichloropropane-d6	7.37	67	66024	4.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.00%			
41) Toluene-d8	8.70	98	203566	3.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.20%			
43) trans-1,3-Dichloropropene-	8.99	79	25601	3.92	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.40%			
46) 2-Hexanone-d5	9.43	63	125547	43.90	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.80%			
56) 1,1,2,2-Tetrachloroethane-	11.23	84	47896	4.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.20%			
66) 1,2-Dichlorobenzene-d4	12.36	152	70987	4.10	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 82.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	4052	0.224	ug/L	99
3) Chloromethane	1.31	50	3713	0.238	ug/L	98
5) Vinyl chloride	1.39	62	4181	0.238	ug/L #	78
6) Bromomethane	1.64	94	2927	0.258	ug/L	99
8) Chloroethane	1.72	64	2614	0.245	ug/L	97
9) Trichlorofluoromethane	1.92	101	6001	0.236	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	3997	0.277	ug/L	86
12) 1,1-Dichloroethene	2.36	96	3720	0.265	ug/L #	1
13) Acetone	2.47	43	4147	2.349	ug/L	92
14) Carbon disulfide	2.55	76	9546	0.219	ug/L	99
15) Methyl Acetate	2.75	43	1312	0.279	ug/L	93
16) Methylene chloride	2.83	84	7372	0.440	ug/L	96
17) Methyl tert-butyl Ether	3.17	73	7827	0.233	ug/L #	92
18) trans-1,2-Dichloroethene	3.14	96	3186	0.216	ug/L	92
19) 1,1-Dichloroethane	3.67	63	5629	0.223	ug/L	97
21) 2-Butanone	4.66	43	6418m	2.070	ug/L	
22) cis-1,2-Dichloroethene	4.56	96	3556	0.226	ug/L	92

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Quant Time: Oct 30 14:05:09 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)
23) Bromochloromethane	4.99	128	1493	0.228 ug/L #	67
25) Chloroform	5.18	83	6923	0.263 ug/L	85
27) 1,2-Dichloroethane	6.15	62	3996	0.243 ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	5279	0.218 ug/L	98
30) Cyclohexane	5.54	56	5406	0.224 ug/L	98
31) Carbon tetrachloride	5.75	117	4451	0.215 ug/L	100
33) Benzene	6.11	78	13327	0.228 ug/L	100
34) Trichloroethene	7.18	95	3712	0.232 ug/L #	72
35) Methylcyclohexane	7.43	83	5792	0.224 ug/L	97
37) 1,2-Dichloropropane	7.49	63	3091	0.224 ug/L #	95
38) Bromodichloromethane	7.87	83	3781	0.210 ug/L #	94
39) cis-1,3-Dichloropropene	8.42	75	4456	0.210 ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	16449	2.232 ug/L #	86
42) Toluene	8.76	91	14161	0.224 ug/L	98
44) trans-1,3-Dichloropropene	9.02	75	4835	0.272 ug/L	93
45) 1,1,2-Trichloroethane	9.20	97	2355	0.234 ug/L	89
47) Tetrachloroethene	9.32	164	2953	0.242 ug/L	92
48) 2-Hexanone	9.48	43	12455	2.417 ug/L	97
49) Dibromochloromethane	9.56	129	2438	0.209 ug/L	100
50) 1,2-Dibromoethane	9.65	107	2163	0.232 ug/L #	91
51) Chlorobenzene	10.12	112	8620	0.215 ug/L	91
52) Ethylbenzene	10.23	91	15056	0.213 ug/L	97
53) m,p-xylene	10.34	106	5636	0.208 ug/L	96
54) o-xylene	10.68	106	5483	0.211 ug/L	96
55) Styrene	10.70	104	8326	0.196 ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.25	83	2830	0.247 ug/L #	92
59) Bromoform	10.84	173	1247	0.204 ug/L #	99
60) Isopropylbenzene	11.00	105	14328	0.209 ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	1914	0.229 ug/L	98
62) 1,3,5-Trimethylbenzene	11.49	105	11644	0.203 ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	11454	0.197 ug/L	98
64) 1,3-Dichlorobenzene	12.01	146	6425	0.211 ug/L	94
65) 1,4-Dichlorobenzene	12.08	146	6624	0.218 ug/L	96
67) 1,2-Dichlorobenzene	12.38	146	6272	0.224 ug/L	96
68) 1,2-Dibromo-3-chloropropan	12.98	75	436	0.228 ug/L #	69
69) 1,3,5-Trichlorobenzene	13.15	180	4802	0.215 ug/L	98
70) 1,2,4-trichlorobenzene	13.63	180	3852	0.197 ug/L	96
71) Naphthalene	13.82	128	6251	0.178 ug/L #	96
72) 1,2,3-Trichlorobenzene	14.01	180	3446	0.200 ug/L	98

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

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