Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV123020\
Data File : VV019874.D
Acq On : 30 Dec 2020 12:29
Operator : SY/MD
Sample : L4485-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

Manual Integrations APPROVED
MMDadoda
1/4/2021 12:17:26 PM

Quant Time: Jan 04 10:07:42 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 31 02:03:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	281012	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	261125	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.26	152	123221	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	88914	4.40	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.00%			
7) Chloroethane-d5	1.57	69	77628	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.00%			
11) 1,1-Dichloroethene-d2	2.10	63	142764	3.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.20%			
20) 2-Butanone-d5	3.94	46	191935	44.99	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.98%			
24) Chloroform-d	4.35	84	159693	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.40%			
26) 1,2-Dichloroethane-d4	5.04	65	85714	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
32) Benzene-d6	5.05	84	324606	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
36) 1,2-Dichloropropane-d6	6.07	67	99401	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.40%			
41) Toluene-d8	7.32	98	279623	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
43) trans-1,3-Dichloropropene-	7.63	79	31712	4.23	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.60%			
46) 2-Hexanone-d5	8.10	63	118092	39.14	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 78.28%			
56) 1,1,2,2-Tetrachloroethane-	10.23	84	54584	4.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.20%			
66) 1,2-Dichlorobenzene-d4	11.63	152	88947	4.65	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.13	85	6137	0.228	ug/L	97
3) Chloromethane	1.24	50	7010	0.236	ug/L	96
5) Vinyl chloride	1.31	62	7094	0.243	ug/L #	76
6) Bromomethane	1.52	94	4354	0.255	ug/L	91
8) Chloroethane	1.58	64	4035	0.226	ug/L	97
9) Trichlorofluoromethane	1.75	101	7794	0.220	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	5616	0.295	ug/L #	86
12) 1,1-Dichloroethene	2.12	96	5439	0.279	ug/L #	1
13) Acetone	2.23	43	8820m	2.757	ug/L	
14) Carbon disulfide	2.29	76	14747	0.219	ug/L #	94
15) Methyl Acetate	2.46	43	1519m	0.190	ug/L	
16) Methylene chloride	2.51	84	7421	0.313	ug/L	99
17) Methyl tert-butyl Ether	2.78	73	9510	0.195	ug/L	98
18) trans-1,2-Dichloroethene	2.76	96	4513	0.205	ug/L	97
19) 1,1-Dichloroethane	3.19	63	9083	0.213	ug/L	99
21) 2-Butanone	4.02	43	10795m	2.006	ug/L	
22) cis-1,2-Dichloroethene	3.93	96	4752	0.208	ug/L	87

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV123020\
Data File : VV019874.D
Acq On : 30 Dec 2020 12:29
Operator : SY/MD
Sample : L4485-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-04

Manual Integrations APPROVED
MMDadoda
1/4/2021 12:17:26 PM

Quant Time: Jan 04 10:07:42 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 31 02:03:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.26	128	1860m	0.204 ug/L		
25) Chloroform	4.39	83	18287	0.432 ug/L		92
27) 1,2-Dichloroethane	5.15	62	5537m	0.215 ug/L		
29) 1,1,1-Trichloroethane	4.61	97	7255	0.204 ug/L		98
30) Cyclohexane	4.68	56	7749	0.216 ug/L		93
31) Carbon tetrachloride	4.83	117	5899	0.203 ug/L		93
33) Benzene	5.11	78	18972	0.217 ug/L		100
34) Trichloroethene	5.92	95	5820	0.249 ug/L		96
35) Methylcyclohexane	6.14	83	7747	0.222 ug/L		98
37) 1,2-Dichloropropane	6.18	63	4174	0.190 ug/L	#	91
38) Bromodichloromethane	6.52	83	5699	0.211 ug/L	#	94
39) cis-1,3-Dichloropropene	7.04	75	5964	0.198 ug/L		96
40) 4-Methyl-2-pentanone	7.24	43	20815	1.681 ug/L	#	87
42) Toluene	7.40	91	17764	0.200 ug/L		100
44) trans-1,3-Dichloropropene	7.66	75	4461m	0.181 ug/L		
45) 1,1,2-Trichloroethane	7.86	97	2570	0.181 ug/L		88
47) Tetrachloroethene	7.98	164	3542	0.223 ug/L		91
48) 2-Hexanone	8.15	43	31737	3.698 ug/L	#	94
49) Dibromochloromethane	8.25	129	2995	0.195 ug/L		100
50) 1,2-Dibromoethane	8.36	107	2577	0.200 ug/L	#	87
51) Chlorobenzene	8.89	112	11326	0.202 ug/L		92
52) Ethylbenzene	9.02	91	20267	0.206 ug/L		96
53) m,p-xylene	9.15	106	6786	0.189 ug/L		98
54) o-xylene	9.55	106	6386	0.185 ug/L		98
55) Styrene	9.57	104	10146	0.174 ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.25	83	3371	0.225 ug/L		100
59) Bromoform	9.74	173	1153	0.172 ug/L	#	90
60) Isopropylbenzene	9.94	105	17950	0.200 ug/L		97
61) 1,2,3-Trichloropropane	10.28	75	2775	0.233 ug/L	#	91
62) 1,3,5-Trimethylbenzene	10.54	105	14406	0.194 ug/L		97
63) 1,2,4-Trimethylbenzene	10.92	105	14471	0.192 ug/L		100
64) 1,3-Dichlorobenzene	11.19	146	7944	0.202 ug/L		92
65) 1,4-Dichlorobenzene	11.28	146	9170	0.232 ug/L		96
67) 1,2-Dichlorobenzene	11.65	146	7830	0.216 ug/L	#	90
68) 1,2-Dibromo-3-chloropropan	12.43	75	436	0.177 ug/L	#	83
69) 1,3,5-Trichlorobenzene	12.65	180	6451	0.221 ug/L		92
70) 1,2,4-trichlorobenzene	13.28	180	4252	0.179 ug/L		95
71) Naphthalene	13.52	128	4927	0.137 ug/L	#	94
72) 1,2,3-Trichlorobenzene	13.76	180	3483	0.172 ug/L		100

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV123020\
Data File : VV019874.D
Acq On : 30 Dec 2020 12:29
Operator : SY/MD
Sample : L4485-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 04 10:07:42 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 31 02:03:35 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-04

Manual Integrations APPROVED
MMDadoda
1/4/2021 12:17:26 PM