Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092520\
Data File : VU040283.D
Acq On : 24 Sep 2020 20:30
Operator : SY/MD
Sample : L4485-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-01

Quant Time: Sep 25 03:20:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR092420WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 25 02:46:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	202293	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	203568	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	94204	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	61828	4.69	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.80%			
7) Chloroethane-d5	1.92	69	54295	4.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.60%			
11) 1,1-Dichloroethene-d2	2.58	65	32589	4.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.20%			
20) 2-Butanone-d5	4.66	46	251923	51.17	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.34%			
24) Chloroform-d	5.08	84	125004	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
26) 1,2-Dichloroethane-d4	5.72	65	79256	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
32) Benzene-d6	5.74	84	242839	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
36) 1,2-Dichloropropane-d6	6.70	67	81522	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.20%			
41) Toluene-d8	7.91	98	209200	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.40%			
43) trans-1,3-Dichloropropene-	8.19	79	31811	4.53	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.60%			
46) 2-Hexanone-d5	8.64	63	176012	48.97	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.94%			
56) 1,1,2,2-Tetrachloroethane-	10.75	84	70194	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
66) 1,2-Dichlorobenzene-d4	12.19	152	81832	5.14	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	5338	0.253	ug/L	92
3) Chloromethane	1.52	50	5371	0.259	ug/L	95
5) Vinyl chloride	1.61	62	5250	0.257	ug/L #	74
6) Bromomethane	1.87	94	2781	0.254	ug/L	84
8) Chloroethane	1.94	64	3170	0.260	ug/L	97
9) Trichlorofluoromethane	2.15	101	6394	0.232	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	4293	0.252	ug/L #	92
12) 1,1-Dichloroethene	2.60	96	4545	0.288	ug/L #	1
13) Acetone	2.67	43	9690m	2.429	ug/L	
14) Carbon disulfide	2.81	76	13802	0.250	ug/L	97
15) Methyl Acetate	2.97	43	2532	0.261	ug/L #	78
16) Methylene chloride	3.06	84	7795	0.394	ug/L	91
17) Methyl tert-butyl Ether	3.38	73	9871	0.235	ug/L	97
18) trans-1,2-Dichloroethene	3.38	96	4111	0.247	ug/L	87
19) 1,1-Dichloroethane	3.89	63	7853	0.239	ug/L #	96
21) 2-Butanone	4.75	43	18033	2.806	ug/L #	75
22) cis-1,2-Dichloroethene	4.68	96	4381	0.251	ug/L	86

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR092420WMA.M
Quant Title : TRACE VOA SFAM1.0
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	5.00	128	1987	0.243 ug/L	#	72
25) Chloroform	5.11	83	12358	0.376 ug/L		95
27) 1,2-Dichloroethane	5.81	62	6087	0.257 ug/L		97
29) 1,1,1-Trichloroethane	5.34	97	6522	0.228 ug/L		96
30) Cyclohexane	5.40	56	6471	0.207 ug/L		93
31) Carbon tetrachloride	5.55	117	5417	0.222 ug/L		97
33) Benzene	5.79	78	17048	0.241 ug/L		100
34) Trichloroethene	6.56	95	4314	0.235 ug/L		91
35) Methylcyclohexane	6.77	83	5840	0.203 ug/L		93
37) 1,2-Dichloropropane	6.80	63	4341	0.221 ug/L	#	96
38) Bromodichloromethane	7.11	83	5329	0.222 ug/L		97
39) cis-1,3-Dichloropropene	7.62	75	5788	0.217 ug/L		99
40) 4-Methyl-2-pentanone	7.80	43	33905	2.258 ug/L	#	88
42) Toluene	7.98	91	16262	0.228 ug/L		91
44) trans-1,3-Dichloropropene	8.21	75	6182m	0.250 ug/L		
45) 1,1,2-Trichloroethane	8.40	97	3487	0.261 ug/L		94
47) Tetrachloroethene	8.56	164	2979	0.225 ug/L		91
48) 2-Hexanone	8.69	43	29761	2.712 ug/L		96
49) Dibromochloromethane	8.82	129	3459	0.224 ug/L		97
50) 1,2-Dibromoethane	8.93	107	2801	0.216 ug/L	#	97
51) Chlorobenzene	9.45	112	10856	0.236 ug/L		95
52) Ethylbenzene	9.57	91	17920	0.227 ug/L		98
53) m,p-Xylene	9.69	106	5890	0.207 ug/L		99
54) o-Xylene	10.10	106	5635	0.206 ug/L		84
55) Styrene	10.11	104	9460	0.200 ug/L		100
57) 1,1,2,2-Tetrachloroethane	10.78	83	3592	0.203 ug/L		88
59) Bromoform	10.29	173	1878	0.245 ug/L	#	96
60) Isopropylbenzene	10.48	105	13982	0.212 ug/L		99
61) 1,2,3-Trichloropropane	10.82	75	3100	0.253 ug/L		95
62) 1,3,5-Trimethylbenzene	11.09	105	11159	0.209 ug/L		95
63) 1,2,4-Trimethylbenzene	11.46	105	10095	0.187 ug/L		96
64) 1,3-Dichlorobenzene	11.74	146	7875	0.241 ug/L		88
65) 1,4-Dichlorobenzene	11.83	146	8435	0.250 ug/L		98
67) 1,2-Dichlorobenzene	12.20	146	7364	0.237 ug/L	#	82
68) 1,2-Dibromo-3-chloropropan	12.99	75	758	0.264 ug/L	#	80
69) 1,3,5-Trichlorobenzene	13.21	180	5257	0.228 ug/L		97
70) 1,2,4-trichlorobenzene	13.83	180	3559	0.191 ug/L		91
71) Naphthalene	14.08	128	5251	0.163 ug/L	#	96
72) 1,2,3-Trichlorobenzene	14.32	180	3518	0.212 ug/L	#	92

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

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