Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012320\
Data File : VU036544.D
Acq On : 23 Jan 2020 17:29
Operator : JC/MD
Sample : VU0123WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0123WBSD01

Manual Integrations APPROVED
apatel
1/27/2020 1:46:46 PM

Quant Time: Jan 24 03:02:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jan 23 08:59:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.15	96	34501	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.66	95	13231	1.02	ug/l		0.00
Spiked Amount 1.000			Recovery = 102.00%				
68) 1,2-Dichlorobenzene-d4	12.21	152	13681	1.03	ug/l		0.00
Spiked Amount 1.000			Recovery = 103.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	24218	2.124	ug/l		96
3) Chloromethane	1.54	50	27632	2.260	ug/l		96
4) Vinyl Chloride	1.62	62	29299	2.116	ug/l		98
5) Bromomethane	1.87	94	17667	2.053	ug/l		98
6) Chloroethane	1.95	64	15707	1.915	ug/l		97
7) Trichlorofluoromethane	2.16	101	29352	2.145	ug/l		96
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	18469	2.167	ug/l		98
9) 1,1-Dichloroethene	2.61	96	19131	2.109	ug/l		98
10) Iodomethane	2.75	142	17271	1.940	ug/l		98
11) Allyl Chloride	2.95	41	25936	2.068	ug/l		99
12) Acrylonitrile	3.37	53	9405	4.226	ug/l	#	91
13) Acetone	2.68	43	17043	10.208	ug/l		97
14) Carbon Disulfide	2.82	76	64652	2.058	ug/l		98
15) Methylene Chloride	3.08	84	27517	2.303	ug/l		97
16) trans-1,2-Dichloroethene	3.39	96	21159	2.114	ug/l		99
17) 1,1-Dichloroethane	3.91	63	34556	2.119	ug/l		99
18) 2-Butanone	4.78	43	24830	10.393	ug/l		97
19) Cyclohexane	5.42	56	31484m	2.112	ug/l		
20) Methylcyclohexane	6.80	83	35369	2.125	ug/l		100
21) 2,2-Dichloropropane	4.71	77	30274	2.174	ug/l		97
22) cis-1,2-Dichloroethene	4.71	96	21738	2.094	ug/l		99
23) Diethyl Ether	2.41	59	15325	2.187	ug/l		95
24) tert-Butyl Alcohol	3.29	59	13558	21.646	ug/l		95
25) Methyl tert-Butyl Ether	3.42	73	51058	2.148	ug/l		99
26) Bromochloromethane	5.02	128	9227	2.052	ug/l		95
27) Chloroform	5.13	83	34659	2.149	ug/l		100
28) 1,1,1-Trichloroethane	5.36	97	28731	2.124	ug/l		99
29) 1,1-Dichloropropene	5.57	75	28306	2.144	ug/l		98
30) Carbon Tetrachloride	5.57	117	24366	2.104	ug/l		98
31) Isopropyl Ether	4.06	45	52784	2.132	ug/l		98
32) Ethyl-t-butyl ether	4.57	59	55622	2.147	ug/l		98
33) Tert-Amyl methyl ether	5.99	73	50905	2.146	ug/l		99
34) Propionitrile	4.85	54	7302	10.603	ug/l	#	96
35) Benzene	5.82	78	80789	2.113	ug/l		99
36) 1,2-Dichloroethane	5.84	62	22415	2.178	ug/l		100
37) Trichloroethene	6.58	130	22132	2.097	ug/l		100
38) 1,2-Dichloropropane	6.83	63	20506	2.133	ug/l		100
39) Methacrylonitrile	5.04	41	6288	2.173	ug/l		96
40) Methyl acrylate	4.91	55	9830	2.143	ug/l		98
41) Tetrahydrofuran	5.13	42	6698	4.248	ug/l		98
42) 1-Chlorobutane	5.50	56	36044	2.107	ug/l		98

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Quant Time: Jan 24 03:02:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jan 23 08:59:25 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.96	93	10830	2.159	ug/l		96
44) Bromodichloromethane	7.14	83	25000	2.107	ug/l		98
45) 4-Methyl-2-Pentanone	7.84	43	59655	10.554	ug/l		100
46) t-1,4-Dichloro-2-butene	10.86	75	8633m	3.468	ug/l		
47) Methyl methacrylate	7.01	69	20003	4.069	ug/l		99
48) Ethyl methacrylate	8.37	69	19980	2.104	ug/l		98
49) Toluene	8.00	92	51047	2.092	ug/l		99
50) t-1,3-Dichloropropene	8.24	75	24593	2.080	ug/l		98
51) cis-1,3-Dichloropropene	7.64	75	29794	2.079	ug/l		99
52) 1,1,2-Trichloroethane	8.43	97	15960	2.242	ug/l		96
53) 1,3-Dichloropropane	8.61	76	26014	2.132	ug/l		100
54) 2-Hexanone	8.73	43	40802	10.293	ug/l		97
55) Dibromochloromethane	8.84	129	17291	2.110	ug/l		96
56) 1,2-Dibromoethane	8.96	107	14599	2.130	ug/l		100
58) Tetrachloroethene	8.58	164	23787	2.255	ug/l		98
59) Chlorobenzene	9.48	112	57468	2.114	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.56	131	17856	2.057	ug/l		96
61) Pentachloroethane	11.45	117	10161	1.814	ug/l		97
62) Hexachloroethane	12.49	117	14414	2.019	ug/l		99
63) Ethyl Benzene	9.60	91	97340	2.137	ug/l		99
64) m/p-Xylenes	9.72	106	76342	4.234	ug/l		100
65) o-Xylene	10.12	106	37116	2.126	ug/l		99
66) Styrene	10.14	104	61066	2.088	ug/l		100
67) Bromoform	10.32	173	9381	1.999	ug/l		99
69) Isopropylbenzene	10.51	105	97097	2.117	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.81	83	19143	2.132	ug/l		98
71) 1,2,3-Trichloropropane	10.85	75	16149m	2.520	ug/l		
72) Bromobenzene	10.81	156	23628	2.138	ug/l		99
73) n-propylbenzene	10.93	120	27663	2.149	ug/l		96
74) 2-Chlorotoluene	11.01	126	23810	2.154	ug/l		100
75) 1,3,5-Trimethylbenzene	11.11	105	84683	2.152	ug/l		100
76) 4-Chlorotoluene	11.12	126	24233	2.122	ug/l		94
77) tert-Butylbenzene	11.44	119	78371	2.102	ug/l		98
78) 1,2,4-Trimethylbenzene	11.49	105	86502	2.132	ug/l		99
79) sec-Butylbenzene	11.66	105	110653	2.139	ug/l		100
80) Nitrobenzene	13.24	77	962	7.465	ug/l	#	86
81) p-Isopropyltoluene	11.81	119	92978	2.151	ug/l		99
82) 1,3-Dichlorobenzene	11.77	146	47261	2.137	ug/l		98
83) 1,4-Dichlorobenzene	11.86	146	46449	2.102	ug/l		99
84) n-Butylbenzene	12.23	91	84519	2.114	ug/l		100
85) 1,2-Dichlorobenzene	12.23	146	44089	2.084	ug/l		98
86) 1,2-Dibromo-3-Chloropropan	13.02	75	3032	1.995	ug/l		98
87) 1,2,4-Trichlorobenzene	13.86	180	26887	1.987	ug/l		99
88) Hexachlorobutadiene	14.04	225	15559	2.098	ug/l		99
89) Naphthalene	14.11	128	44385	1.903	ug/l		100
90) 1,2,3-Trichlorobenzene	14.35	180	26040	2.046	ug/l		100

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

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