Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112618\
Data File : VU028332.D
Acq On : 26 Nov 2018 11:49
Operator : MD/SY
Sample : VSTDICC020
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC020

Manual Integrations APPROVED
MMDadoda
11/30/2018 2:33:37 PM

Quant Time: Nov 27 01:02:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Nov 27 00:37:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	50206	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	19347	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery = 105.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	18550	1.08	ug/l	0.00
Spiked Amount 1.000			Recovery = 108.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	365636	20.245	ug/l	100
3) Chloromethane	1.32	50	585085	19.034	ug/l	99
4) Vinyl Chloride	1.40	62	424159	20.162	ug/l	98
5) Bromomethane	1.62	94	144495	17.433	ug/l	99
6) Chloroethane	1.70	64	242413	19.737	ug/l	99
7) Trichlorofluoromethane	1.89	101	458432	19.952	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	262073	19.831	ug/l	99
9) 1,1-Dichloroethene	2.29	96	237334	19.416	ug/l	97
10) Iodomethane	2.41	142	199575	24.141	ug/l	99
11) Allyl Chloride	2.59	41	605628	19.626	ug/l	99
12) Acrylonitrile	2.94	53	147721	37.939	ug/l	99
13) Acetone	2.33	43	328864	91.143	ug/l	98
14) Carbon Disulfide	2.48	76	917712	19.765	ug/l	100
15) Methylene Chloride	2.70	84	283055	18.990	ug/l	98
16) trans-1,2-Dichloroethene	2.98	96	265742	19.425	ug/l	99
17) 1,1-Dichloroethane	3.44	63	603867	19.801	ug/l	99
18) 2-Butanone	4.28	43	558006	103.494	ug/l	99
19) Cyclohexane	4.99	56	542976	20.509	ug/l	99
20) Methylcyclohexane	6.41	83	545161	21.036	ug/l	100
21) 2,2-Dichloropropane	4.22	77	469762	19.193	ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	322853	20.167	ug/l	97
23) Diethyl Ether	2.11	59	243261	19.852	ug/l	99
24) tert-Butyl Alcohol	2.85	59	248198	209.404	ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	725646	19.985	ug/l	100
26) Bromochloromethane	4.55	128	118745	19.459	ug/l	98
27) Chloroform	4.67	83	557122	18.943	ug/l	100
28) 1,1,1-Trichloroethane	4.91	97	453207	19.733	ug/l	100
29) 1,1-Dichloropropene	5.13	75	452599	20.541	ug/l	99
30) Carbon Tetrachloride	5.13	117	368210	19.853	ug/l	97
31) Isopropyl Ether	3.58	45	1107138	20.272	ug/l	99
32) Ethyl-t-butyl ether	4.08	59	918374	20.417	ug/l	99
33) Tert-Amyl methyl ether	5.58	73	759517	20.355	ug/l	99
34) Propionitrile	4.34	54	146610	108.243	ug/l #	96
35) Benzene	5.39	78	1312400	20.234	ug/l	98
36) 1,2-Dichloroethane	5.40	62	378667	19.519	ug/l	99
37) Trichloroethene	6.18	130	290909	20.592	ug/l	98
38) 1,2-Dichloropropane	6.43	63	370260	20.017	ug/l	97
39) Methacrylonitrile	4.55	41	144633	19.935	ug/l	99
40) Methyl acrylate	4.43	55	202836	20.322	ug/l	99
41) Tetrahydrofuran	4.65	42	146017	40.040	ug/l	98
42) 1-Chlorobutane	5.06	56	710476	20.286	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112618\
Data File : VU028332.D
Acq On : 26 Nov 2018 11:49
Operator : MD/SY
Sample : VSTDICC020
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC020

Manual Integrations APPROVED
MMDadoda
11/30/2018 2:33:37 PM

Quant Time: Nov 27 01:02:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Nov 27 00:37:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	159879	20.304 ug/l	100
44) Bromodichloromethane	6.76	83	415861	20.001 ug/l	97
45) 4-Methyl-2-Pentanone	7.46	43	1315966	104.047 ug/l	99
46) t-1,4-Dichloro-2-butene	10.52	75	202964m	44.756 ug/l	
47) Methyl methacrylate	6.63	69	345860	43.032 ug/l	98
48) Ethyl methacrylate	8.02	69	350150	21.779 ug/l	99
49) Toluene	7.64	92	760263	21.106 ug/l	100
50) t-1,3-Dichloropropene	7.88	75	417731	20.917 ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	508765	20.631 ug/l	99
52) 1,1,2-Trichloroethane	8.07	97	220529	19.949 ug/l	98
53) 1,3-Dichloropropane	8.24	76	414586	20.077 ug/l	99
54) 2-Hexanone	8.36	43	931577	102.388 ug/l	98
55) Dibromochloromethane	8.48	129	246434	20.957 ug/l	99
56) 1,2-Dibromoethane	8.58	107	203038	20.163 ug/l	98
58) Tetrachloroethene	8.22	164	260146	20.112 ug/l	97
59) Chlorobenzene	9.12	112	771337	20.578 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	256098	20.161 ug/l	98
61) Pentachloroethane	11.10	117	202780	20.514 ug/l	100
62) Hexachloroethane	12.14	117	199787	21.568 ug/l	98
63) Ethyl Benzene	9.25	91	1490830	21.555 ug/l	99
64) m/p-Xylenes	9.37	106	1072708	42.857 ug/l	98
65) o-Xylene	9.78	106	520510	21.550 ug/l	98
66) Styrene	9.79	104	907838	21.913 ug/l	99
67) Bromoform	9.96	173	139448	21.160 ug/l	100
69) Isopropylbenzene	10.17	105	1396739	21.596 ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	301199	20.312 ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	207076m	20.270 ug/l	
72) Bromobenzene	10.45	156	307024	21.387 ug/l	99
73) n-propylbenzene	10.59	120	372213	22.189 ug/l	99
74) 2-Chlorotoluene	10.66	126	315143	21.441 ug/l	97
75) 1,3,5-Trimethylbenzene	10.77	105	1186367	21.795 ug/l	98
76) 4-Chlorotoluene	10.77	126	327451	21.974 ug/l	99
77) tert-Butylbenzene	11.10	119	1122465	21.903 ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	1230679	22.063 ug/l	99
79) sec-Butylbenzene	11.32	105	1580179	22.119 ug/l	99
80) Nitrobenzene	12.86	77	81908	122.608 ug/l	99
81) p-Isopropyltoluene	11.48	119	1272103	22.408 ug/l	100
82) 1,3-Dichlorobenzene	11.42	146	618524	21.511 ug/l	100
83) 1,4-Dichlorobenzene	11.50	146	618101	21.597 ug/l	99
84) n-Butylbenzene	11.89	91	1380044	23.154 ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	581785	21.257 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	50677	21.245 ug/l	99
87) 1,2,4-Trichlorobenzene	13.50	180	445872	23.174 ug/l	98
88) Hexachlorobutadiene	13.69	225	230857	22.177 ug/l	99
89) Naphthalene	13.74	128	872098	22.935 ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	403428	22.237 ug/l	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112618\
Data File : VU028332.D
Acq On : 26 Nov 2018 11:49
Operator : MD/SY
Sample : VSTDICC020
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 27 01:02:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Nov 27 00:37:16 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
MMDadoda
11/30/2018 2:33:37 PM