Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
Data File : VU040060.D
Acq On : 09 Sep 2020 11:29
Operator : SY/MD
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED
MMDadoda
9/17/2020 4:47:07 PM

Quant Time: Sep 10 04:00:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U090920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 10 03:43:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.13	96	27683	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	11151	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.00%			
68) 1,2-Dichlorobenzene-d4	12.19	152	10375	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery = 99.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	16495	1.771	ug/l	92
3) Chloromethane	1.53	50	16708	1.466	ug/l	97
4) Vinyl Chloride	1.61	62	16452	1.559	ug/l	99
5) Bromomethane	1.86	94	13261	1.825	ug/l	92
6) Chloroethane	1.94	64	10937	1.503	ug/l	95
7) Trichlorofluoromethane	2.15	101	24968	1.754	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	13800	1.689	ug/l	97
9) 1,1-Dichloroethene	2.59	96	12406	1.671	ug/l	93
10) Iodomethane	2.74	142	8518	1.152	ug/l	94
11) Allyl Chloride	2.94	41	22895	1.446	ug/l	97
12) Acrylonitrile	3.33	53	7660	2.934	ug/l	98
13) Acetone	2.64	43	18928	7.695	ug/l	95
14) Carbon Disulfide	2.81	76	32348	1.227	ug/l	96
15) Methylene Chloride	3.06	84	17324	1.660	ug/l	98
16) trans-1,2-Dichloroethene	3.37	96	13163	1.561	ug/l	93
17) 1,1-Dichloroethane	3.89	63	28996	1.578	ug/l	98
18) 2-Butanone	4.73	43	27099	6.659	ug/l	99
19) Cyclohexane	5.40	56	23376m	1.332	ug/l	
20) Methylcyclohexane	6.77	83	20708	1.558	ug/l	97
21) 2,2-Dichloropropane	4.68	77	25407	1.663	ug/l	99
22) cis-1,2-Dichloroethene	4.69	96	14894	1.629	ug/l	96
23) Diethyl Ether	2.39	59	11035	1.466	ug/l	98
24) tert-Butyl Alcohol	3.20	59	14000	10.236	ug/l	99
25) Methyl tert-Butyl Ether	3.38	73	39609	1.632	ug/l	95
26) Bromochloromethane	4.99	128	6756	1.788	ug/l	98
27) Chloroform	5.11	83	27369	1.570	ug/l	94
28) 1,1,1-Trichloroethane	5.33	97	24941	1.748	ug/l	98
29) 1,1-Dichloropropene	5.54	75	20288	1.500	ug/l	97
30) Carbon Tetrachloride	5.54	117	22495	1.897	ug/l	99
31) Isopropyl Ether	4.02	45	48628	1.457	ug/l	99
32) Ethyl-t-butyl ether	4.53	59	43397	1.513	ug/l	98
33) Tert-Amyl methyl ether	5.96	73	37142	1.748	ug/l	99
34) Propionitrile	4.80	54	7228	7.183	ug/l #	94
35) Benzene	5.79	78	59934	1.759	ug/l	99
36) 1,2-Dichloroethane	5.81	62	22547	1.760	ug/l	99
37) Trichloroethene	6.55	130	15088	1.915	ug/l	98
38) 1,2-Dichloropropane	6.81	63	16852	1.799	ug/l	97
39) Methacrylonitrile	5.00	41	7859	1.470	ug/l	89
40) Methyl acrylate	4.87	55	9931	1.453	ug/l #	96
41) Tetrahydrofuran	5.08	42	7681	2.883	ug/l	92
42) 1-Chlorobutane	5.47	56	30618	1.452	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
Data File : VU040060.D
Acq On : 09 Sep 2020 11:29
Operator : SY/MD
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC002

Manual Integrations APPROVED
MMDadoda
9/17/2020 4:47:07 PM

Quant Time: Sep 10 04:00:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U090920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 10 03:43:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.93	93	10090	1.973	ug/l		96
44) Bromodichloromethane	7.12	83	23296	1.990	ug/l		98
45) 4-Methyl-2-Pentanone	7.81	43	62829	8.247	ug/l		98
46) t-1,4-Dichloro-2-butene	10.83	75	9941m	4.116	ug/l		
47) Methyl methacrylate	6.98	69	16220	3.451	ug/l		94
48) Ethyl methacrylate	8.34	69	13794	1.595	ug/l		99
49) Toluene	7.98	92	35010	1.739	ug/l		97
50) t-1,3-Dichloropropene	8.22	75	20173	1.914	ug/l		90
51) cis-1,3-Dichloropropene	7.62	75	22785	1.847	ug/l		94
52) 1,1,2-Trichloroethane	8.41	97	12097	1.825	ug/l		95
53) 1,3-Dichloropropane	8.58	76	22212	1.760	ug/l		99
54) 2-Hexanone	8.69	43	44453	8.145	ug/l		97
55) Dibromochloromethane	8.82	129	14653	2.043	ug/l		97
56) 1,2-Dibromoethane	8.93	107	11700	1.850	ug/l		99
58) Tetrachloroethene	8.56	164	14588	2.077	ug/l		98
59) Chlorobenzene	9.45	112	38234	1.816	ug/l		94
60) 1,1,1,2-Tetrachloroethane	9.54	131	14271	1.982	ug/l		96
61) Pentachloroethane	11.43	117	10276	1.705	ug/l		93
62) Hexachloroethane	12.47	117	11664	2.007	ug/l		97
63) Ethyl Benzene	9.57	91	63201	1.688	ug/l		97
64) m/p-Xylenes	9.69	106	48997	3.365	ug/l		97
65) o-Xylene	10.10	106	23886	1.724	ug/l		100
66) Styrene	10.11	104	41568	1.743	ug/l		99
67) Bromoform	10.29	173	7353	2.011	ug/l		100
69) Isopropylbenzene	10.48	105	62569	1.684	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.78	83	17096	1.819	ug/l		98
71) 1,2,3-Trichloropropane	10.83	75	14367m	2.059	ug/l		
72) Bromobenzene	10.78	156	15521	1.833	ug/l		99
73) n-propylbenzene	10.91	120	17497	1.678	ug/l		95
74) 2-Chlorotoluene	10.98	126	15337	1.731	ug/l		96
75) 1,3,5-Trimethylbenzene	11.09	105	56425	1.755	ug/l		98
76) 4-Chlorotoluene	11.10	126	16872	1.834	ug/l		98
77) tert-Butylbenzene	11.42	119	51807	1.690	ug/l		99
78) 1,2,4-Trimethylbenzene	11.47	105	57989	1.761	ug/l		97
79) sec-Butylbenzene	11.64	105	76218	1.738	ug/l		100
80) Nitrobenzene	13.20	77	3037	15.365	ug/l	#	93
81) p-Isopropyltoluene	11.79	119	60421	1.712	ug/l		100
82) 1,3-Dichlorobenzene	11.74	146	33420	1.828	ug/l		97
83) 1,4-Dichlorobenzene	11.83	146	32843	1.782	ug/l		97
84) n-Butylbenzene	12.20	91	58999	1.574	ug/l		99
85) 1,2-Dichlorobenzene	12.21	146	33188	1.882	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2943	1.830	ug/l		94
87) 1,2,4-Trichlorobenzene	13.83	180	16777	1.533	ug/l		95
88) Hexachlorobutadiene	14.01	225	10006	1.965	ug/l		100
89) Naphthalene	14.08	128	31748	1.364	ug/l		99
90) 1,2,3-Trichlorobenzene	14.32	180	15857	1.534	ug/l		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
Data File : VU040060.D
Acq On : 09 Sep 2020 11:29
Operator : SY/MD
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 10 04:00:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U090920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 10 03:43:56 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED
MMDadoda
9/17/2020 4:47:07 PM