Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102919\
Data File : VU035536.D
Acq On : 29 Oct 2019 12:01
Operator : JC/SP
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 30 05:26:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 30 05:08:49 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTDICC001

Manual Integrations APPROVED

MMDadoda

10/30/2019 10:39:40 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.16	96	78191	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.66	95	28383	0.95	ug/l		0.00
Spiked Amount 1.000			Recovery = 95.00%				
68) 1,2-Dichlorobenzene-d4	12.22	152	30050	0.93	ug/l		0.00
Spiked Amount 1.000			Recovery = 93.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.40	85	33422	1.162	ug/l		99
3) Chloromethane	1.54	50	41722	1.300	ug/l		99
4) Vinyl Chloride	1.62	62	36198	1.161	ug/l		99
5) Bromomethane	1.88	94	18471	1.037	ug/l		100
6) Chloroethane	1.95	64	20945	1.162	ug/l		95
7) Trichlorofluoromethane	2.16	101	44487	1.161	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	24312	1.175	ug/l		98
9) 1,1-Dichloroethene	2.61	96	23152	1.117	ug/l		98
10) Iodomethane	2.75	142	6942	0.386	ug/l		98
11) Allyl Chloride	2.96	41	39209	1.147	ug/l		97
12) Acrylonitrile	3.38	53	11624	2.600	ug/l		97
13) Acetone	2.68	43	29945	7.942	ug/l		95
14) Carbon Disulfide	2.82	76	82941	1.139	ug/l		97
15) Methylene Chloride	3.08	84	31393	1.284	ug/l		98
16) trans-1,2-Dichloroethene	3.39	96	26038	1.124	ug/l		99
17) 1,1-Dichloroethane	3.92	63	48418	1.100	ug/l		95
18) 2-Butanone	4.79	43	34249	6.441	ug/l		98
19) Cyclohexane	5.42	56	35915m	1.061	ug/l		
20) Methylcyclohexane	6.80	83	36521	1.021	ug/l		95
21) 2,2-Dichloropropane	4.71	77	41042	1.130	ug/l		99
22) cis-1,2-Dichloroethene	4.72	96	26998	1.076	ug/l		96
23) Diethyl Ether	2.41	59	19459	1.232	ug/l		97
24) tert-Butyl Alcohol	3.27	59	23896	11.005	ug/l	#	86
25) Methyl tert-Butyl Ether	3.43	73	62298	1.232	ug/l		99
26) Bromochloromethane	5.02	128	12675	1.190	ug/l		99
27) Chloroform	5.14	83	53258	1.158	ug/l		99
28) 1,1,1-Trichloroethane	5.36	97	40520	1.126	ug/l		98
29) 1,1-Dichloropropene	5.57	75	32614	1.052	ug/l		99
30) Carbon Tetrachloride	5.56	117	35617	1.105	ug/l		99
31) Isopropyl Ether	4.06	45	64436	1.021	ug/l		90
32) Ethyl-t-butyl ether	4.57	59	58183	1.063	ug/l		99
33) Tert-Amyl methyl ether	6.01	73	49548	1.076	ug/l		98
34) Propionitrile	4.86	54	10745	7.065	ug/l	#	92
35) Benzene	5.82	78	101607	1.092	ug/l		96
36) 1,2-Dichloroethane	5.84	62	29582	1.221	ug/l		100
37) Trichloroethene	6.58	130	28342	1.090	ug/l		100
38) 1,2-Dichloropropane	6.84	63	27367	1.105	ug/l		99
39) Methacrylonitrile	5.04	41	6995	1.113	ug/l	#	86
40) Methyl acrylate	4.92	55	10504	1.095	ug/l	#	95
41) Tetrahydrofuran	5.14	42	7720	2.402	ug/l	#	36
42) 1-Chlorobutane	5.50	56	44598	1.060	ug/l		96

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102919\
Data File : VU035536.D
Acq On : 29 Oct 2019 12:01
Operator : JC/SP
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 30 05:26:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 30 05:08:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

MMDadoda

10/30/2019 10:39:40 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.96	93	14372	1.212	ug/l		97
44) Bromodichloromethane	7.15	83	36630	1.216	ug/l		99
45) 4-Methyl-2-Pentanone	7.85	43	69373	5.729	ug/l		98
46) t-1,4-Dichloro-2-butene	10.87	75	8175m	1.622	ug/l		
47) Methyl methacrylate	7.02	69	22150	2.339	ug/l		95
48) Ethyl methacrylate	8.38	69	17459	1.022	ug/l		93
49) Toluene	8.01	92	56250	1.037	ug/l		99
50) t-1,3-Dichloropropene	8.25	75	28823	1.139	ug/l		96
51) cis-1,3-Dichloropropene	7.65	75	35798	1.143	ug/l		98
52) 1,1,2-Trichloroethane	8.44	97	20122	1.224	ug/l		98
53) 1,3-Dichloropropane	8.61	76	32920	1.194	ug/l		100
54) 2-Hexanone	8.74	43	48312	5.916	ug/l		94
55) Dibromochloromethane	8.84	129	23806	1.191	ug/l		100
56) 1,2-Dibromoethane	8.96	107	17140	1.129	ug/l		95
58) Tetrachloroethene	8.58	164	26616	1.082	ug/l		95
59) Chlorobenzene	9.48	112	65513	1.076	ug/l		96
60) 1,1,1,2-Tetrachloroethane	9.56	131	26348	1.164	ug/l		99
61) Pentachloroethane	11.45	117	21419	1.164	ug/l		95
62) Hexachloroethane	12.50	117	19629	1.195	ug/l		98
63) Ethyl Benzene	9.60	91	95745	0.986	ug/l		99
64) m/p-Xylenes	9.73	106	73414	1.873	ug/l	#	3
65) o-Xylene	10.13	106	36605	0.980	ug/l		99
66) Styrene	10.14	104	59447	0.949	ug/l		99
67) Bromoform	10.32	173	15007	1.260	ug/l		98
69) Isopropylbenzene	10.51	105	96683	0.991	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.81	83	25854	1.216	ug/l	#	64
71) 1,2,3-Trichloropropane	10.85	75	22168m	1.495	ug/l		
72) Bromobenzene	10.81	156	27916	1.049	ug/l		99
73) n-propylbenzene	10.93	120	25578	0.909	ug/l		94
74) 2-Chlorotoluene	11.01	126	25411	0.999	ug/l		95
75) 1,3,5-Trimethylbenzene	11.11	105	76256	0.881	ug/l		99
76) 4-Chlorotoluene	11.12	126	26214	1.010	ug/l		98
77) tert-Butylbenzene	11.45	119	80719	0.955	ug/l		100
78) 1,2,4-Trimethylbenzene	11.49	105	78263	0.896	ug/l		98
79) sec-Butylbenzene	11.67	105	101923	0.900	ug/l		100
80) Nitrobenzene	13.24	77	1746	4.017	ug/l	#	83
81) p-Isopropyltoluene	11.82	119	80068	0.854	ug/l	#	69
82) 1,3-Dichlorobenzene	11.77	146	54616	0.998	ug/l		99
83) 1,4-Dichlorobenzene	11.86	146	50432	0.929	ug/l		100
84) n-Butylbenzene	12.23	91	66504	0.778	ug/l		97
85) 1,2-Dichlorobenzene	12.24	146	50700	1.016	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	13.03	75	2904	1.037	ug/l		97
87) 1,2,4-Trichlorobenzene	13.87	180	14276	0.525	ug/l		94
88) Hexachlorobutadiene	14.04	225	20261	0.954	ug/l		98
89) Naphthalene	14.11	128	15320	0.431	ug/l	#	92
90) 1,2,3-Trichlorobenzene	14.36	180	14552	0.575	ug/l		100

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102919\
Data File : VU035536.D
Acq On : 29 Oct 2019 12:01
Operator : JC/SP
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 30 05:26:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 30 05:08:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

MMDadoda

10/30/2019 10:39:40 AM