Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012919\
Data File : VU029304.D
Acq On : 29 Jan 2019 17:06
Operator : JC/SP
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
MMDadoda
1/30/2019 12:49:28 PM

Quant Time: Jan 30 03:50:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 30 00:35:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	7208	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	2900	1.00	ug/l		0.00
Spiked Amount 1.000			Recovery = 100.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	2821	0.99	ug/l		0.00
Spiked Amount 1.000			Recovery = 99.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	3791m	1.043	ug/l		
3) Chloromethane	1.32	50	2742	0.859	ug/l		100
4) Vinyl Chloride	1.39	62	2906	0.937	ug/l		97
5) Bromomethane	1.62	94	1908	1.053	ug/l		89
6) Chloroethane	1.69	64	2054	0.953	ug/l		99
7) Trichlorofluoromethane	1.88	101	5556	1.065	ug/l		93
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	2175	0.984	ug/l		93
9) 1,1-Dichloroethene	2.28	96	2052	0.986	ug/l		94
10) Iodomethane	2.40	142	1422	0.762	ug/l		98
11) Allyl Chloride	2.58	41	5130	0.982	ug/l		100
12) Acrylonitrile	2.93	53	1279	1.981	ug/l		98
13) Acetone	2.31	43	4207	5.733	ug/l		96
14) Carbon Disulfide	2.47	76	7669	1.000	ug/l		97
15) Methylene Chloride	2.69	84	2722	1.001	ug/l		95
16) trans-1,2-Dichloroethene	2.97	96	2275	0.969	ug/l		91
17) 1,1-Dichloroethane	3.43	63	5210	0.996	ug/l	#	96
18) 2-Butanone	4.28	43	3785	4.599	ug/l		96
19) Cyclohexane	4.98	56	2864	0.870	ug/l		99
20) Methylcyclohexane	6.40	83	3136	0.895	ug/l		97
21) 2,2-Dichloropropane	4.21	77	4647	1.029	ug/l	#	74
22) cis-1,2-Dichloroethene	4.21	96	2567	1.035	ug/l		91
23) Diethyl Ether	2.10	59	2103	0.997	ug/l		94
24) tert-Butyl Alcohol	2.82	59	2726	10.798	ug/l	#	94
25) Methyl tert-Butyl Ether	2.99	73	7231	1.021	ug/l		99
26) Bromochloromethane	4.54	128	1042	1.006	ug/l		96
27) Chloroform	4.67	83	5010	0.978	ug/l		97
28) 1,1,1-Trichloroethane	4.90	97	4844	1.039	ug/l		97
29) 1,1-Dichloropropene	5.12	75	3292	0.932	ug/l		98
30) Carbon Tetrachloride	5.12	117	4013	0.998	ug/l		100
31) Isopropyl Ether	3.57	45	7241	0.872	ug/l		95
32) Ethyl-t-butyl ether	4.06	59	6693	0.966	ug/l		99
33) Tert-Amyl methyl ether	5.58	73	5552	0.951	ug/l		98
34) Propionitrile	4.33	54	807	3.931	ug/l	#	1
35) Benzene	5.38	78	9354	0.971	ug/l		97
36) 1,2-Dichloroethane	5.40	62	3932	0.978	ug/l	#	85
37) Trichloroethene	6.18	130	2378	1.018	ug/l		93
38) 1,2-Dichloropropane	6.43	63	2489	0.934	ug/l		97
39) Methacrylonitrile	4.55	41	783	0.801	ug/l	#	85
40) Methyl acrylate	4.43	55	1055	0.774	ug/l	#	80
41) Tetrahydrofuran	4.65	42	760	1.571	ug/l	#	76
42) 1-Chlorobutane	5.06	56	5317	0.968	ug/l		100

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ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC001

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Quant Time: Jan 30 03:50:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 30 00:35:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.56	93	1241	0.918 ug/l		95
44) Bromodichloromethane	6.75	83	3751	0.975 ug/l		94
45) 4-Methyl-2-Pentanone	7.46	43	8347	4.412 ug/l	#	96
46) t-1,4-Dichloro-2-butene	10.52	75	1000m	1.519 ug/l		
47) Methyl methacrylate	6.62	69	2119	1.845 ug/l		94
48) Ethyl methacrylate	8.02	69	1880	0.858 ug/l		92
49) Toluene	7.63	92	5111	0.920 ug/l		95
50) t-1,3-Dichloropropene	7.88	75	3033	0.920 ug/l		92
51) cis-1,3-Dichloropropene	7.27	75	3555	0.962 ug/l		94
52) 1,1,2-Trichloroethane	8.07	97	1648	0.935 ug/l		94
53) 1,3-Dichloropropane	8.24	76	3124	0.950 ug/l		95
54) 2-Hexanone	8.37	43	6061	4.649 ug/l		93
55) Dibromochloromethane	8.48	129	2350	1.032 ug/l		96
56) 1,2-Dibromoethane	8.58	107	1581	0.995 ug/l		98
58) Tetrachloroethene	8.22	164	2300	1.029 ug/l		89
59) Chlorobenzene	9.12	112	5796	0.979 ug/l		95
60) 1,1,1,2-Tetrachloroethane	9.21	131	2424	0.988 ug/l		98
61) Pentachloroethane	11.10	117	1890	1.016 ug/l		99
62) Hexachloroethane	12.14	117	1702	0.902 ug/l		99
63) Ethyl Benzene	9.25	91	9346	0.890 ug/l		99
64) m/p-Xylenes	9.37	106	6813	1.718 ug/l		98
65) o-Xylene	9.77	106	3348	0.885 ug/l		99
66) Styrene	9.79	104	5693	0.867 ug/l		99
67) Bromoform	9.95	173	1291	0.989 ug/l	#	90
69) Isopropylbenzene	10.16	105	9653	0.930 ug/l		97
70) 1,1,2,2-Tetrachloroethane	10.46	83	2348	1.017 ug/l	#	95
71) 1,2,3-Trichloropropane	10.49	75	1939m	1.044 ug/l		
72) Bromobenzene	10.45	156	2462	0.988 ug/l		95
73) n-propylbenzene	10.59	120	2551	0.937 ug/l		99
74) 2-Chlorotoluene	10.66	126	2178	0.881 ug/l		88
75) 1,3,5-Trimethylbenzene	10.77	105	8532	0.930 ug/l		95
76) 4-Chlorotoluene	10.77	126	2391	0.963 ug/l		96
77) tert-Butylbenzene	11.10	119	8034	0.917 ug/l		95
78) 1,2,4-Trimethylbenzene	11.15	105	8008	0.848 ug/l		98
79) sec-Butylbenzene	11.32	105	10532	0.897 ug/l		99
80) Nitrobenzene	12.88	77	232	2.766 ug/l	#	43
81) p-Isopropyltoluene	11.48	119	8820	0.900 ug/l		99
82) 1,3-Dichlorobenzene	11.41	146	5211	0.999 ug/l		98
83) 1,4-Dichlorobenzene	11.51	146	5169	0.999 ug/l		96
84) n-Butylbenzene	11.89	91	8611	0.903 ug/l		97
85) 1,2-Dichlorobenzene	11.88	146	4545	0.945 ug/l		96
86) 1,2-Dibromo-3-Chloropropan	12.66	75	399	0.902 ug/l	#	91
87) 1,2,4-Trichlorobenzene	13.50	180	2967	0.930 ug/l		93
88) Hexachlorobutadiene	13.69	225	1960	0.957 ug/l		97
89) Naphthalene	13.74	128	4350	0.833 ug/l		96
90) 1,2,3-Trichlorobenzene	13.99	180	2742	0.920 ug/l		95

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

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