Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020619\
Data File : VU029355.D
Acq On : 06 Feb 2019 10:08
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD01051

Manual Integrations APPROVED
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2/8/2019 2:27:16 PM

Quant Time: Feb 08 12:16:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	53635	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	24043	1.15	ug/l		0.00
Spiked Amount 1.000			Recovery = 115.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	22302	1.04	ug/l		0.00
Spiked Amount 1.000			Recovery = 104.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	190165	9.501	ug/l		99
3) Chloromethane	1.33	50	165305	9.037	ug/l		99
4) Vinyl Chloride	1.40	62	202100	9.425	ug/l		100
5) Bromomethane	1.62	94	122543	10.274	ug/l		93
6) Chloroethane	1.70	64	120045	9.582	ug/l		98
7) Trichlorofluoromethane	1.88	101	301140	10.057	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	163478	10.339	ug/l		90
9) 1,1-Dichloroethene	2.28	96	154778	10.003	ug/l		73
10) Iodomethane	2.41	142	227034	9.810	ug/l	#	79
11) Allyl Chloride	2.59	41	243822	9.397	ug/l		92
12) Acrylonitrile	2.94	53	67591	19.491	ug/l		97
13) Acetone	2.32	43	157990	47.272	ug/l	#	83
14) Carbon Disulfide	2.47	76	534113	9.777	ug/l		100
15) Methylene Chloride	2.70	84	170219	9.073	ug/l	#	79
16) trans-1,2-Dichloroethene	2.98	96	173668	10.037	ug/l	#	81
17) 1,1-Dichloroethane	3.44	63	255804	9.329	ug/l		97
18) 2-Butanone	4.27	43	187475	50.188	ug/l		96
19) Cyclohexane	4.99	56	225441m	8.868	ug/l		
20) Methylcyclohexane	6.41	83	264898	9.921	ug/l	#	85
21) 2,2-Dichloropropane	4.22	77	247003	9.732	ug/l		93
22) cis-1,2-Dichloroethene	4.22	96	164556	10.096	ug/l		78
23) Diethyl Ether	2.10	59	118633	9.548	ug/l		89
24) tert-Butyl Alcohol	2.83	59	122131	94.586	ug/l		100
25) Methyl tert-Butyl Ether	3.00	73	431637	9.908	ug/l	#	86
26) Bromochloromethane	4.54	128	72814	10.113	ug/l		75
27) Chloroform	4.67	83	264459	9.918	ug/l		97
28) 1,1,1-Trichloroethane	4.91	97	245817	9.946	ug/l		95
29) 1,1-Dichloropropene	5.13	75	207168	9.656	ug/l		92
30) Carbon Tetrachloride	5.13	117	230062	10.282	ug/l		100
31) Isopropyl Ether	3.57	45	390605	9.441	ug/l		90
32) Ethyl-t-butyl ether	4.07	59	394271	9.510	ug/l		91
33) Tert-Amyl methyl ether	5.58	73	368150	9.820	ug/l		99
34) Propionitrile	4.33	54	47710	48.591	ug/l	#	92
35) Benzene	5.38	78	579071	9.760	ug/l		100
36) 1,2-Dichloroethane	5.40	62	173064	9.644	ug/l	#	92
37) Trichloroethene	6.18	130	176998	10.396	ug/l		89
38) 1,2-Dichloropropane	6.43	63	148075	9.594	ug/l		99
39) Methacrylonitrile	4.55	41	46099	9.168	ug/l	#	90
40) Methyl acrylate	4.42	55	73106	9.631	ug/l	#	89
41) Tetrahydrofuran	4.65	42	45525	17.974	ug/l	#	85
42) 1-Chlorobutane	5.06	56	271194	9.434	ug/l		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	79761	9.697	ug/l		89
44) Bromodichloromethane	6.75	83	203827	9.726	ug/l		94
45) 4-Methyl-2-Pentanone	7.46	43	459974	47.706	ug/l	#	91
46) t-1,4-Dichloro-2-butene	10.51	75	93161m	19.832	ug/l		
47) Methyl methacrylate	6.62	69	147654	20.403	ug/l	#	76
48) Ethyl methacrylate	8.02	69	157228	10.127	ug/l		81
49) Toluene	7.63	92	379815	10.004	ug/l		98
50) t-1,3-Dichloropropene	7.88	75	205736	10.014	ug/l		97
51) cis-1,3-Dichloropropene	7.27	75	242534	9.938	ug/l	#	89
52) 1,1,2-Trichloroethane	8.06	97	111171	10.209	ug/l		99
53) 1,3-Dichloropropane	8.24	76	190027	9.934	ug/l		99
54) 2-Hexanone	8.36	43	330828	48.950	ug/l		88
55) Dibromochloromethane	8.47	129	158375	10.233	ug/l		99
56) 1,2-Dibromoethane	8.58	107	109233	9.778	ug/l		99
58) Tetrachloroethene	8.22	164	167206	10.554	ug/l		92
59) Chlorobenzene	9.12	112	437010	10.217	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	164989	10.440	ug/l		98
61) Pentachloroethane	11.10	117	128548	10.495	ug/l		86
62) Hexachloroethane	12.14	117	144443	10.805	ug/l		96
63) Ethyl Benzene	9.25	91	742772	10.000	ug/l		95
64) m/p-Xylenes	9.37	106	594531	20.597	ug/l		87
65) o-Xylene	9.78	106	288131	10.169	ug/l		88
66) Styrene	9.79	104	482168	10.209	ug/l		94
67) Bromoform	9.95	173	105109	10.917	ug/l		100
69) Isopropylbenzene	10.16	105	768991	10.159	ug/l		95
70) 1,1,2,2-Tetrachloroethane	10.46	83	139675	10.008	ug/l		97
71) 1,2,3-Trichloropropane	10.49	75	103129m	10.760	ug/l		
72) Bromobenzene	10.45	156	197440	10.761	ug/l		85
73) n-propylbenzene	10.58	120	220988	10.481	ug/l		79
74) 2-Chlorotoluene	10.66	126	188651	10.508	ug/l		77
75) 1,3,5-Trimethylbenzene	10.77	105	659880	10.111	ug/l		95
76) 4-Chlorotoluene	10.77	126	193551	10.387	ug/l		79
77) tert-Butylbenzene	11.10	119	674579	10.457	ug/l		92
78) 1,2,4-Trimethylbenzene	11.14	105	681076	10.308	ug/l		95
79) sec-Butylbenzene	11.32	105	866282	10.264	ug/l		95
80) Nitrobenzene	12.86	77	34765	55.910	ug/l		89
81) p-Isopropyltoluene	11.47	119	748004	10.455	ug/l		94
82) 1,3-Dichlorobenzene	11.41	146	382502	10.626	ug/l		97
83) 1,4-Dichlorobenzene	11.50	146	380578	10.615	ug/l		97
84) n-Butylbenzene	11.89	91	681976	10.387	ug/l		96
85) 1,2-Dichlorobenzene	11.88	146	356760	10.482	ug/l		97
86) 1,2-Dibromo-3-Chloropropan	12.66	75	25790	9.902	ug/l	#	67
87) 1,2,4-Trichlorobenzene	13.50	180	261181	10.925	ug/l		98
88) Hexachlorobutadiene	13.69	225	155894	11.260	ug/l		98
89) Naphthalene	13.74	128	445844	10.996	ug/l		99
90) 1,2,3-Trichlorobenzene	13.98	180	235459	10.777	ug/l		98

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

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