Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012919\
Data File : VU029307.D
Acq On : 29 Jan 2019 18:28
Operator : JC/SP
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED

Quant Time: Jan 30 03:57:04 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	8071	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	3326	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery = 103.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	3200	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	37181m	9.135	ug/l	
3) Chloromethane	1.32	50	28933	8.096	ug/l	100
4) Vinyl Chloride	1.39	62	30336	8.736	ug/l	100
5) Bromomethane	1.61	94	16625	8.192	ug/l	100
6) Chloroethane	1.69	64	21364	8.849	ug/l	100
7) Trichlorofluoromethane	1.87	101	55536	9.510	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	23599	9.537	ug/l	100
9) 1,1-Dichloroethene	2.27	96	21748	9.329	ug/l	100
10) Iodomethane	2.40	142	24886	11.904	ug/l	100
11) Allyl Chloride	2.58	41	50418	8.618	ug/l	100
12) Acrylonitrile	2.93	53	12852	17.779	ug/l	100
13) Acetone	2.31	43	35322	42.984	ug/l	100
14) Carbon Disulfide	2.46	76	75504	8.790	ug/l	100
15) Methylene Chloride	2.69	84	25677	8.432	ug/l	100
16) trans-1,2-Dichloroethene	2.97	96	24030	9.140	ug/l	100
17) 1,1-Dichloroethane	3.43	63	51287	8.756	ug/l	100
18) 2-Butanone	4.27	43	42807	46.453	ug/l	100
19) Cyclohexane	4.98	56	35088	9.515	ug/l	100
20) Methylcyclohexane	6.41	83	39299	10.014	ug/l	100
21) 2,2-Dichloropropane	4.21	77	47736	9.445	ug/l	100
22) cis-1,2-Dichloroethene	4.21	96	26260	9.460	ug/l	100
23) Diethyl Ether	2.09	59	21488	9.095	ug/l	100
24) tert-Butyl Alcohol	2.83	59	27562	97.506	ug/l	100
25) Methyl tert-Butyl Ether	2.99	73	72787	9.183	ug/l	100
26) Bromochloromethane	4.54	128	11034	9.512	ug/l	100
27) Chloroform	4.66	83	53957	9.403	ug/l	100
28) 1,1,1-Trichloroethane	4.90	97	49654	9.509	ug/l	100
29) 1,1-Dichloropropene	5.12	75	39054	9.873	ug/l	100
30) Carbon Tetrachloride	5.12	117	43785	9.720	ug/l	100
31) Isopropyl Ether	3.57	45	78785	8.473	ug/l	100
32) Ethyl-t-butyl ether	4.06	59	73943	9.532	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	65643	10.041	ug/l	100
34) Propionitrile	4.32	54	11382	49.512	ug/l	100
35) Benzene	5.38	78	104268	9.664	ug/l	100
36) 1,2-Dichloroethane	5.40	62	41980	9.326	ug/l	100
37) Trichloroethene	6.18	130	26546	10.145	ug/l	100
38) 1,2-Dichloropropane	6.43	63	28329	9.496	ug/l	100
39) Methacrylonitrile	4.54	41	10634	9.720	ug/l	100
40) Methyl acrylate	4.42	55	14737	9.655	ug/l	100
41) Tetrahydrofuran	4.64	42	10071	18.591	ug/l	100
42) 1-Chlorobutane	5.05	56	57911	9.415	ug/l	100

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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICCC010

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Quant Time: Jan 30 03:57:04 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	6.55	93	14081	9.304 ug/l	100
44) Bromodichloromethane	6.75	83	40850	9.478 ug/l	100
45) 4-Methyl-2-Pentanone	7.46	43	103341	48.778 ug/l	100
46) t-1,4-Dichloro-2-butene	10.51	75	13140m	17.826 ug/l	
47) Methyl methacrylate	6.62	69	26124	20.313 ug/l	100
48) Ethyl methacrylate	8.02	69	25182	10.263 ug/l	100
49) Toluene	7.63	92	62771	10.087 ug/l	100
50) t-1,3-Dichloropropene	7.87	75	37387	10.132 ug/l	100
51) cis-1,3-Dichloropropene	7.26	75	40535	9.799 ug/l	100
52) 1,1,2-Trichloroethane	8.06	97	18986	9.618 ug/l	100
53) 1,3-Dichloropropane	8.24	76	35073	9.530 ug/l	100
54) 2-Hexanone	8.36	43	73562	50.391 ug/l	100
55) Dibromochloromethane	8.47	129	25265	9.908 ug/l	100
56) 1,2-Dibromoethane	8.58	107	17456	9.808 ug/l	100
58) Tetrachloroethene	8.22	164	24991	9.990 ug/l	100
59) Chlorobenzene	9.12	112	67229	10.143 ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	26591	9.682 ug/l	100
61) Pentachloroethane	11.10	117	20522	9.849 ug/l	100
62) Hexachloroethane	12.14	117	20660	9.782 ug/l	100
63) Ethyl Benzene	9.25	91	124707	10.611 ug/l	100
64) m/p-Xylenes	9.37	106	94315	21.239 ug/l	100
65) o-Xylene	9.77	106	44919	10.599 ug/l	100
66) Styrene	9.79	104	79189	10.772 ug/l	100
67) Bromoform	9.95	173	14907	10.202 ug/l	100
69) Isopropylbenzene	10.16	105	123331	10.611 ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	24816	9.599 ug/l	100
71) 1,2,3-Trichloropropane	10.49	75	22242m	10.700 ug/l	
72) Bromobenzene	10.45	156	29308	10.502 ug/l	100
73) n-propylbenzene	10.58	120	33779	11.081 ug/l	100
74) 2-Chlorotoluene	10.66	126	29142	10.523 ug/l	100
75) 1,3,5-Trimethylbenzene	10.77	105	110698	10.779 ug/l	100
76) 4-Chlorotoluene	10.77	126	30547	10.990 ug/l	100
77) tert-Butylbenzene	11.10	119	105756	10.784 ug/l	100
78) 1,2,4-Trimethylbenzene	11.14	105	116140	10.989 ug/l	100
79) sec-Butylbenzene	11.32	105	141003	10.720 ug/l	100
80) Nitrobenzene	12.86	77	5955	63.411 ug/l	100
81) p-Isopropyltoluene	11.47	119	120678	10.996 ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	58839	10.071 ug/l	100
83) 1,4-Dichlorobenzene	11.50	146	59900	10.336 ug/l	100
84) n-Butylbenzene	11.89	91	117462	10.995 ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	55486	10.308 ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4946	9.985 ug/l	100
87) 1,2,4-Trichlorobenzene	13.50	180	39320	11.011 ug/l	100
88) Hexachlorobutadiene	13.69	225	24213	10.558 ug/l	100
89) Naphthalene	13.74	128	68605	11.736 ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	36304	10.876 ug/l	100

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

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