Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041519\
Data File : VU031198.D
Acq On : 15 Apr 2019 21:01
Operator : JC/SP
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC001

Manual Integrations APPROVED
MMDadoda
4/16/2019 3:23:11 PM

Quant Time: Apr 16 04:27:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U041519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Apr 16 04:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	32492	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	10608	0.92	ug/l	0.00
Spiked Amount 1.000			Recovery = 92.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	11246	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	14917	1.132	ug/l	97
3) Chloromethane	1.32	50	15856	1.018	ug/l	100
4) Vinyl Chloride	1.40	62	16239	1.093	ug/l	97
5) Bromomethane	1.63	94	8907	1.213	ug/l	85
6) Chloroethane	1.70	64	10695	1.237	ug/l	100
7) Trichlorofluoromethane	1.89	101	23376	1.319	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	11008	1.234	ug/l	97
9) 1,1-Dichloroethene	2.29	96	11282	1.276	ug/l	99
10) Iodomethane	2.41	142	14156	1.230	ug/l	98
11) Allyl Chloride	2.59	41	21749	1.150	ug/l	100
12) Acrylonitrile	2.94	53	6359	2.212	ug/l	92
13) Acetone	2.33	43	14637	5.550	ug/l	93
14) Carbon Disulfide	2.48	76	40246	1.239	ug/l	99
15) Methylene Chloride	2.70	84	14864	1.233	ug/l	98
16) trans-1,2-Dichloroethene	2.98	96	12214	1.221	ug/l	96
17) 1,1-Dichloroethane	3.44	63	19595	1.001	ug/l	94
18) 2-Butanone	4.28	43	14062	4.184	ug/l	92
19) Cyclohexane	4.99	56	13075	0.828	ug/l	97
20) Methylcyclohexane	6.41	83	12388	0.904	ug/l	95
21) 2,2-Dichloropropane	4.22	77	15453	1.022	ug/l	95
22) cis-1,2-Dichloroethene	4.23	96	10959	1.085	ug/l	96
23) Diethyl Ether	2.10	59	10033	1.128	ug/l	90
24) tert-Butyl Alcohol	2.87	59	11239m	10.813	ug/l	
25) Methyl tert-Butyl Ether	3.00	73	32221	1.166	ug/l	93
26) Bromochloromethane	4.55	128	4913	1.123	ug/l	96
27) Chloroform	4.67	83	19749	1.065	ug/l	98
28) 1,1,1-Trichloroethane	4.91	97	16444	1.077	ug/l	99
29) 1,1-Dichloropropene	5.14	75	13822	1.034	ug/l	97
30) Carbon Tetrachloride	5.13	117	14743	1.106	ug/l	97
31) Isopropyl Ether	3.57	45	29130	0.916	ug/l	99
32) Ethyl-t-butyl ether	4.07	59	24168	0.935	ug/l	95
33) Tert-Amyl methyl ether	5.58	73	18644	0.858	ug/l	97
34) Propionitrile	4.35	54	3439m	4.116	ug/l	
35) Benzene	5.39	78	40268	1.015	ug/l	100
36) 1,2-Dichloroethane	5.41	62	12924	1.024	ug/l	99
37) Trichloroethene	6.18	130	11285	1.168	ug/l	92
38) 1,2-Dichloropropane	6.43	63	10822	0.956	ug/l	96
39) Methacrylonitrile	4.56	41	3815	0.923	ug/l #	69
40) Methyl acrylate	4.43	55	4631	0.912	ug/l #	73
41) Tetrahydrofuran	4.66	42	3657	1.645	ug/l	97
42) 1-Chlorobutane	5.06	56	16762	0.825	ug/l	84

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Quant Time: Apr 16 04:27:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U041519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Apr 16 04:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	6149	1.158	ug/l		94
44) Bromodichloromethane	6.76	83	13964	1.007	ug/l		99
45) 4-Methyl-2-Pentanone	7.46	43	31204	4.132	ug/l		95
46) t-1,4-Dichloro-2-butene	10.52	75	4894m	1.882	ug/l		
47) Methyl methacrylate	6.63	69	7859	1.624	ug/l		88
48) Ethyl methacrylate	8.02	69	7165	0.790	ug/l		96
49) Toluene	7.64	92	20257	0.935	ug/l		96
50) t-1,3-Dichloropropene	7.88	75	11509	0.968	ug/l		93
51) cis-1,3-Dichloropropene	7.27	75	13631	0.954	ug/l		93
52) 1,1,2-Trichloroethane	8.06	97	7532	0.994	ug/l		96
53) 1,3-Dichloropropane	8.24	76	12825	0.967	ug/l		100
54) 2-Hexanone	8.37	43	20591	4.110	ug/l		88
55) Dibromochloromethane	8.47	129	9102	1.057	ug/l		95
56) 1,2-Dibromoethane	8.59	107	7557	1.105	ug/l		91
58) Tetrachloroethene	8.22	164	8985	1.047	ug/l		98
59) Chlorobenzene	9.12	112	24081	1.017	ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.21	131	9131	1.022	ug/l		99
61) Pentachloroethane	11.10	117	6979	1.019	ug/l		98
62) Hexachloroethane	12.14	117	6616	1.017	ug/l		100
63) Ethyl Benzene	9.25	91	33593	0.857	ug/l		97
64) m/p-Xylenes	9.37	106	25685	1.791	ug/l		95
65) o-Xylene	9.77	106	12305	0.883	ug/l		97
66) Styrene	9.79	104	20680	0.859	ug/l		98
67) Bromoform	9.96	173	5036	1.018	ug/l	#	97
69) Isopropylbenzene	10.16	105	34633	0.931	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	10097	1.014	ug/l		97
71) 1,2,3-Trichloropropane	10.49	75	7017m	0.926	ug/l		
72) Bromobenzene	10.45	156	9373	0.997	ug/l		94
73) n-propylbenzene	10.59	120	9064	0.914	ug/l		99
74) 2-Chlorotoluene	10.66	126	8641	0.955	ug/l		99
75) 1,3,5-Trimethylbenzene	10.77	105	27397	0.870	ug/l		100
76) 4-Chlorotoluene	10.77	126	8484	0.918	ug/l		96
77) tert-Butylbenzene	11.10	119	27758	0.904	ug/l		96
78) 1,2,4-Trimethylbenzene	11.15	105	26960	0.840	ug/l		97
79) sec-Butylbenzene	11.32	105	37634	0.902	ug/l		100
80) Nitrobenzene	12.90	77	1027m	3.464	ug/l		
81) p-Isopropyltoluene	11.47	119	29521	0.903	ug/l		98
82) 1,3-Dichlorobenzene	11.42	146	19049	1.023	ug/l		98
83) 1,4-Dichlorobenzene	11.51	146	17687	0.961	ug/l		99
84) n-Butylbenzene	11.89	91	29133	0.886	ug/l		95
85) 1,2-Dichlorobenzene	11.88	146	18806	1.063	ug/l		98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	1337	0.860	ug/l		93
87) 1,2,4-Trichlorobenzene	13.50	180	10206	0.966	ug/l		98
88) Hexachlorobutadiene	13.69	225	7598	1.198	ug/l		94
89) Naphthalene	13.75	128	14867	0.799	ug/l		96
90) 1,2,3-Trichlorobenzene	13.99	180	10124	0.963	ug/l		96

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

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