Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042619\
Data File : VU031517.D
Acq On : 26 Apr 2019 01:37
Operator : JC/SP
Sample : VU0426WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0426WBSD01

Manual Integrations APPROVED
MMdadoda
4/26/2019 12:23:17 PM

Quant Time: Apr 26 05:59:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 04:42:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	71878	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	23980	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery = 95.00%			
68) 1,2-Dichlorobenzene-d4	11.85	152	25089	1.07	ug/l	0.00
Spiked Amount 1.000			Recovery = 107.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	64063	1.974	ug/l	98
3) Chloromethane	1.32	50	76414	1.974	ug/l	99
4) Vinyl Chloride	1.40	62	70860	1.922	ug/l	97
5) Bromomethane	1.63	94	37584	2.104	ug/l	97
6) Chloroethane	1.70	64	40626	1.992	ug/l	95
7) Trichlorofluoromethane	1.88	101	84745	2.018	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	40159	1.940	ug/l	96
9) 1,1-Dichloroethene	2.28	96	41041	1.994	ug/l	98
10) Iodomethane	2.41	142	35614	1.573	ug/l	99
11) Allyl Chloride	2.59	41	86305	1.914	ug/l	93
12) Acrylonitrile	2.94	53	25190	4.040	ug/l	92
13) Acetone	2.33	43	53924	9.491	ug/l	100
14) Carbon Disulfide	2.47	76	157657	1.996	ug/l	98
15) Methylene Chloride	2.70	84	50250	1.926	ug/l	96
16) trans-1,2-Dichloroethene	2.98	96	45786	1.988	ug/l	98
17) 1,1-Dichloroethane	3.44	63	93711	1.952	ug/l	97
18) 2-Butanone	4.28	43	74214	9.997	ug/l	94
19) Cyclohexane	4.99	56	68951m	1.866	ug/l	
20) Methylcyclohexane	6.41	83	54997	1.854	ug/l	98
21) 2,2-Dichloropropane	4.22	77	57871	1.650	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	45727	1.857	ug/l	95
23) Diethyl Ether	2.10	59	38542	1.954	ug/l	99
24) tert-Butyl Alcohol	2.85	59	41650	20.361	ug/l #	89
25) Methyl tert-Butyl Ether	3.00	73	121071	2.020	ug/l	98
26) Bromochloromethane	4.54	128	20230	1.944	ug/l	95
27) Chloroform	4.67	83	87387	1.964	ug/l	97
28) 1,1,1-Trichloroethane	4.91	97	71976	1.920	ug/l	98
29) 1,1-Dichloropropene	5.13	75	59338	1.955	ug/l	99
30) Carbon Tetrachloride	5.13	117	64348	2.015	ug/l	97
31) Isopropyl Ether	3.57	45	140591	1.955	ug/l	97
32) Ethyl-t-butyl ether	4.06	59	112107	1.921	ug/l	98
33) Tert-Amyl methyl ether	5.57	73	88110	1.898	ug/l	98
34) Propionitrile	4.34	54	20803	10.447	ug/l #	97
35) Benzene	5.39	78	185434	1.997	ug/l	97
36) 1,2-Dichloroethane	5.40	62	61687	2.039	ug/l	97
37) Trichloroethene	6.18	130	42792	1.884	ug/l	95
38) 1,2-Dichloropropane	6.43	63	51192	1.951	ug/l	98
39) Methacrylonitrile	4.55	41	16988	2.033	ug/l	97
40) Methyl acrylate	4.43	55	20322	1.849	ug/l #	93
41) Tetrahydrofuran	4.65	42	18758	4.098	ug/l	99
42) 1-Chlorobutane	5.06	56	86658	1.882	ug/l	95

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Instrument : MSVOA_U
ClientSampleId : VU0426WBSD01

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 04:42:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	25412	1.971 ug/l	95
44) Bromodichloromethane	6.75	83	62996	1.967 ug/l	99
45) 4-Methyl-2-Pentanone	7.46	43	150454	9.751 ug/l	98
46) t-1,4-Dichloro-2-butene	10.52	75	16800m	3.548 ug/l	
47) Methyl methacrylate	6.63	69	37559	3.771 ug/l	97
48) Ethyl methacrylate	8.02	69	33545	1.935 ug/l	100
49) Toluene	7.63	92	92217	1.911 ug/l	99
50) t-1,3-Dichloropropene	7.88	75	46154	1.829 ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	55123	1.793 ug/l	94
52) 1,1,2-Trichloroethane	8.06	97	34249	2.036 ug/l	95
53) 1,3-Dichloropropane	8.24	76	59701	2.023 ug/l	99
54) 2-Hexanone	8.37	43	100774	9.687 ug/l	94
55) Dibromochloromethane	8.48	129	37912	1.998 ug/l	98
56) 1,2-Dibromoethane	8.59	107	29774	1.978 ug/l	96
58) Tetrachloroethene	8.22	164	43021	1.964 ug/l	99
59) Chlorobenzene	9.12	112	98595	1.947 ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.21	131	37564	1.902 ug/l	97
61) Pentachloroethane	11.10	117	26941	1.925 ug/l	93
62) Hexachloroethane	12.14	117	28009	2.032 ug/l	95
63) Ethyl Benzene	9.25	91	153417	1.850 ug/l	99
64) m/p-Xylenes	9.37	106	113115	3.646 ug/l	96
65) o-Xylene	9.78	106	55509	1.841 ug/l	95
66) Styrene	9.79	104	93479	1.833 ug/l	97
67) Bromoform	9.96	173	20395	1.921 ug/l	96
69) Isopropylbenzene	10.16	105	153501	1.944 ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.46	83	43515	2.009 ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	34092m	2.160 ug/l	
72) Bromobenzene	10.45	156	39982	1.997 ug/l	96
73) n-propylbenzene	10.58	120	38269	1.873 ug/l	91
74) 2-Chlorotoluene	10.66	126	37267	1.914 ug/l	94
75) 1,3,5-Trimethylbenzene	10.77	105	128103	1.832 ug/l	98
76) 4-Chlorotoluene	10.77	126	39288	1.938 ug/l	99
77) tert-Butylbenzene	11.10	119	121696	1.929 ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	128139	1.810 ug/l	97
79) sec-Butylbenzene	11.32	105	171457	1.992 ug/l	98
80) Nitrobenzene	12.89	77	2656m	5.095 ug/l	
81) p-Isopropyltoluene	11.47	119	125986	1.823 ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	79680	2.012 ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	76736	2.018 ug/l	97
84) n-Butylbenzene	11.89	91	122363	1.863 ug/l	97
85) 1,2-Dichlorobenzene	11.88	146	72937	1.938 ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.65	75	6331	2.031 ug/l	99
87) 1,2,4-Trichlorobenzene	13.50	180	36929	1.929 ug/l	97
88) Hexachlorobutadiene	13.69	225	27219	1.968 ug/l	98
89) Naphthalene	13.74	128	58990	1.916 ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	37767	1.934 ug/l	98

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

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