Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072518\
Data File : VU025626.D
Acq On : 25 Jul 2018 09:49
Operator : MD/SY
Sample : VSTDICC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC0.5

Manual Integrations APPROVED
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7/26/2018 4:26:16 PM

Quant Time: Jul 25 12:00:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 25 11:50:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.75	96	45143	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	16616	1.13	ug/l	0.00
Spiked Amount 1.000			Recovery = 113.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	19187	1.34	ug/l	0.00
Spiked Amount 1.000			Recovery = 134.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	8794	0.600	ug/l	98
3) Chloromethane	1.33	50	8409	0.495	ug/l	100
4) Vinyl Chloride	1.41	62	7458	0.458	ug/l	98
5) Bromomethane	1.63	94	3885	0.446	ug/l	91
6) Chloroethane	1.70	64	4685	0.517	ug/l	97
7) Trichlorofluoromethane	1.89	101	11043	0.590	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	5955	0.518	ug/l	95
9) 1,1-Dichloroethene	2.29	96	5518	0.517	ug/l	96
11) Allyl Chloride	2.60	41	9469m	0.483	ug/l	
12) Acrylonitrile	2.94	53	2619	1.190	ug/l	94
13) Acetone	2.32	43	6371	3.410	ug/l	94
14) Carbon Disulfide	2.48	76	19464	0.555	ug/l	100
15) Methylene Chloride	2.70	84	7290	0.600	ug/l	91
16) trans-1,2-Dichloroethene	2.98	96	6124	0.536	ug/l	94
17) 1,1-Dichloroethane	3.45	63	11698	0.520	ug/l	97
18) 2-Butanone	4.28	43	8753	2.899	ug/l	94
19) Cyclohexane	5.00	56	8393	0.432	ug/l #	78
20) Methylcyclohexane	6.42	83	10674	0.538	ug/l	95
21) 2,2-Dichloropropane	4.23	77	12058	0.675	ug/l	98
22) cis-1,2-Dichloroethene	4.23	96	7986	0.646	ug/l	96
23) Diethyl Ether	2.11	59	4183	0.480	ug/l #	88
24) tert-Butyl Alcohol	2.83	59	5464	8.309	ug/l #	78
25) Methyl tert-Butyl Ether	3.00	73	15055	0.562	ug/l	96
26) Bromochloromethane	4.55	128	3609	0.738	ug/l	79
27) Chloroform	4.68	83	13580	0.641	ug/l	96
28) 1,1,1-Trichloroethane	4.92	97	11792	0.678	ug/l	96
29) 1,1-Dichloropropene	5.14	75	9261	0.543	ug/l	97
30) Carbon Tetrachloride	5.14	117	10942	0.748	ug/l	99
31) Isopropyl Ether	3.58	45	18855	0.496	ug/l	87
32) Ethyl-t-butyl ether	4.08	59	18388	0.566	ug/l	98
33) Tert-Amyl methyl ether	5.58	73	15476	0.563	ug/l	98
34) Propionitrile	4.34	54	2560	2.978	ug/l #	83
35) Benzene	5.39	78	26949	0.531	ug/l	99
36) 1,2-Dichloroethane	5.41	62	8034	0.560	ug/l	95
37) Trichloroethene	6.19	130	8303	0.610	ug/l	93
38) 1,2-Dichloropropane	6.44	63	6919	0.497	ug/l	97
39) Methacrylonitrile	4.55	41	2262	0.515	ug/l	91
40) Methyl acrylate	4.44	55	3356	0.550	ug/l #	89
41) Tetrahydrofuran	4.65	42	3183	1.405	ug/l #	74
42) 1-Chlorobutane	5.07	56	13324	0.539	ug/l	97
43) Dibromomethane	6.56	93	3655	0.611	ug/l	96

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Quant Time: Jul 25 12:00:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 25 11:50:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Bromodichloromethane	6.76	83	9323	0.620	ug/l		98
45) 4-Methyl-2-Pentanone	7.47	43	19612	2.774	ug/l		100
46) t-1,4-Dichloro-2-butene	10.53	75	2103m	1.006	ug/l		
47) Methyl methacrylate	6.63	69	6005	1.108	ug/l	#	91
48) Ethyl methacrylate	8.03	69	5479	0.578	ug/l		93
49) Toluene	7.64	92	15943	0.544	ug/l		99
50) t-1,3-Dichloropropene	7.89	75	8006	0.624	ug/l		99
51) cis-1,3-Dichloropropene	7.27	75	9502	0.569	ug/l		97
52) 1,1,2-Trichloroethane	8.07	97	4953	0.582	ug/l		88
53) 1,3-Dichloropropane	8.25	76	7795	0.515	ug/l		96
54) 2-Hexanone	8.37	43	14219	2.952	ug/l		94
55) Dibromochloromethane	8.48	129	5942	0.637	ug/l		99
56) 1,2-Dibromoethane	8.59	107	4392	0.599	ug/l		93
58) Tetrachloroethene	8.23	164	6557	0.528	ug/l		96
59) Chlorobenzene	9.12	112	18625	0.594	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	7124	0.669	ug/l		96
61) Pentachloroethane	11.11	117	5201	0.688	ug/l		98
62) Hexachloroethane	12.15	117	5105	0.704	ug/l		96
63) Ethyl Benzene	9.25	91	28815	0.553	ug/l		94
64) m/p-Xylenes	9.38	106	22903	1.139	ug/l		99
65) o-Xylene	9.78	106	10858	0.561	ug/l		99
66) Styrene	9.80	104	17858	0.559	ug/l		100
67) Bromoform	9.96	173	3761	0.772	ug/l	#	86
69) Isopropylbenzene	10.17	105	29758	0.597	ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.46	83	6324	0.659	ug/l		95
71) 1,2,3-Trichloropropane	10.50	75	4992m	0.727	ug/l		
72) Bromobenzene	10.46	156	8075	0.651	ug/l		96
73) n-propylbenzene	10.59	120	8055	0.584	ug/l		95
74) 2-Chlorotoluene	10.66	126	7250	0.595	ug/l		95
75) 1,3,5-Trimethylbenzene	10.78	105	24428	0.582	ug/l		99
76) 4-Chlorotoluene	10.78	126	7815	0.619	ug/l		80
77) tert-Butylbenzene	11.10	119	25290	0.643	ug/l		98
78) 1,2,4-Trimethylbenzene	11.15	105	25461	0.600	ug/l		100
79) sec-Butylbenzene	11.33	105	31965	0.580	ug/l		96
80) Nitrobenzene	12.87	77	687	2.062	ug/l	#	71
81) p-Isopropyltoluene	11.48	119	26406	0.583	ug/l		99
82) 1,3-Dichlorobenzene	11.42	146	15925	0.643	ug/l		98
83) 1,4-Dichlorobenzene	11.51	146	14958	0.605	ug/l		97
84) n-Butylbenzene	11.90	91	24863	0.562	ug/l		100
85) 1,2-Dichlorobenzene	11.88	146	14731	0.659	ug/l		97
86) 1,2-Dibromo-3-Chloropropan	12.66	75	832	0.614	ug/l	#	66
87) 1,2,4-Trichlorobenzene	13.51	180	9389	0.580	ug/l		99
88) Hexachlorobutadiene	13.70	225	5883	0.600	ug/l		93
89) Naphthalene	13.75	128	15103	0.620	ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	8778	0.578	ug/l		99

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

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