Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050420\
Data File : VU037997.D
Acq On : 04 May 2020 11:17
Operator : JC/MD
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
apatel
5/5/2020 11:15:38 AM

Quant Time: May 05 01:49:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U050420DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue May 05 01:36:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.15	96	85292	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.65	95	33432	1.01	ug/l		0.00
Spiked Amount 1.000			Recovery = 101.00%				
68) 1,2-Dichlorobenzene-d4	12.21	152	31845	0.96	ug/l		0.00
Spiked Amount 1.000			Recovery = 96.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	29589	0.747	ug/l		97
3) Chloromethane	1.54	50	37366	0.935	ug/l		97
4) Vinyl Chloride	1.62	62	34998	0.975	ug/l		97
5) Bromomethane	1.87	94	24293	1.795	ug/l		93
6) Chloroethane	1.95	64	21119	1.174	ug/l		97
7) Trichlorofluoromethane	2.16	101	36808	0.857	ug/l		100
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	23539	1.122	ug/l		97
9) 1,1-Dichloroethene	2.60	96	23948	1.191	ug/l		91
10) Iodomethane	2.75	142	8060	0.803	ug/l		98
11) Allyl Chloride	2.95	41	42082	1.081	ug/l		94
12) Acrylonitrile	3.35	53	13133	2.673	ug/l		92
13) Acetone	2.66	43	26757	5.122	ug/l		99
14) Carbon Disulfide	2.82	76	85858	1.261	ug/l		97
15) Methylene Chloride	3.07	84	36643	1.438	ug/l		98
16) trans-1,2-Dichloroethene	3.38	96	25176	1.171	ug/l		100
17) 1,1-Dichloroethane	3.91	63	48042	0.995	ug/l		99
18) 2-Butanone	4.76	43	37303	4.735	ug/l		98
19) Cyclohexane	5.42	56	46501m	1.117	ug/l		
20) Methylcyclohexane	6.79	83	44240	1.072	ug/l		96
21) 2,2-Dichloropropane	4.70	77	41556	0.954	ug/l		96
22) cis-1,2-Dichloroethene	4.70	96	27191	1.050	ug/l		97
23) Diethyl Ether	2.40	59	20210	1.172	ug/l		99
24) tert-Butyl Alcohol	3.23	59	23526	12.737	ug/l		95
25) Methyl tert-Butyl Ether	3.40	73	62632	1.072	ug/l	#	89
26) Bromochloromethane	5.01	128	10801	0.960	ug/l		92
27) Chloroform	5.12	83	45533	0.890	ug/l		95
28) 1,1,1-Trichloroethane	5.35	97	36643	0.846	ug/l		98
29) 1,1-Dichloropropene	5.56	75	37403	1.034	ug/l		96
30) Carbon Tetrachloride	5.56	117	30301	0.808	ug/l		97
31) Isopropyl Ether	4.04	45	78983	1.023	ug/l		99
32) Ethyl-t-butyl ether	4.55	59	71056	0.982	ug/l		99
33) Tert-Amyl methyl ether	5.98	73	60397	0.974	ug/l		99
34) Propionitrile	4.83	54	11879	5.722	ug/l	#	96
35) Benzene	5.81	78	105643	1.030	ug/l		100
36) 1,2-Dichloroethane	5.83	62	31296	0.864	ug/l		99
37) Trichloroethene	6.57	130	28171	1.045	ug/l		96
38) 1,2-Dichloropropane	6.82	63	28482	1.016	ug/l		98
39) Methacrylonitrile	5.02	41	10854	1.095	ug/l		94
40) Methyl acrylate	4.89	55	15988	1.141	ug/l	#	96
41) Tetrahydrofuran	5.10	42	10985	2.223	ug/l		95
42) 1-Chlorobutane	5.49	56	53741	1.034	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.95	93	12985	0.917 ug/l	99
44) Bromodichloromethane	7.13	83	33158	0.904 ug/l	97
45) 4-Methyl-2-Pentanone	7.82	43	87500	4.596 ug/l	99
46) t-1,4-Dichloro-2-butene	10.85	75	10379m	1.997 ug/l	
47) Methyl methacrylate	6.99	69	25834	2.159 ug/l	99
48) Ethyl methacrylate	8.36	69	23206	0.984 ug/l	94
49) Toluene	7.99	92	66343	1.073 ug/l	100
50) t-1,3-Dichloropropene	8.23	75	32519	0.966 ug/l	98
51) cis-1,3-Dichloropropene	7.63	75	38416	0.989 ug/l	99
52) 1,1,2-Trichloroethane	8.43	97	18863	0.991 ug/l	95
53) 1,3-Dichloropropane	8.60	76	35065	1.028 ug/l	100
54) 2-Hexanone	8.71	43	63393	4.845 ug/l	99
55) Dibromochloromethane	8.83	129	20921	0.902 ug/l	93
56) 1,2-Dibromoethane	8.95	107	17362	0.973 ug/l	98
58) Tetrachloroethene	8.57	164	25575	1.010 ug/l	98
59) Chlorobenzene	9.47	112	69333	1.005 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.56	131	20763	0.847 ug/l	96
61) Pentachloroethane	11.44	117	15043	0.804 ug/l	98
62) Hexachloroethane	12.49	117	16575	0.834 ug/l	98
63) Ethyl Benzene	9.59	91	122279	1.039 ug/l	98
64) m/p-Xylenes	9.71	106	92484	2.075 ug/l	97
65) o-Xylene	10.12	106	45767	1.062 ug/l	99
66) Styrene	10.13	104	74717	1.061 ug/l	98
67) Bromoform	10.31	173	10190	0.837 ug/l	100
69) Isopropylbenzene	10.50	105	119053	1.017 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.80	83	22567	0.904 ug/l	99
71) 1,2,3-Trichloropropane	10.84	75	20816m	1.058 ug/l	
72) Bromobenzene	10.80	156	26599	0.939 ug/l	94
73) n-propylbenzene	10.92	120	33088	1.064 ug/l	98
74) 2-Chlorotoluene	11.00	126	28881	1.038 ug/l	94
75) 1,3,5-Trimethylbenzene	11.10	105	97823	0.975 ug/l	100
76) 4-Chlorotoluene	11.11	126	29195	1.037 ug/l	96
77) tert-Butylbenzene	11.44	119	93036	0.951 ug/l	99
78) 1,2,4-Trimethylbenzene	11.48	105	99898	0.989 ug/l	97
79) sec-Butylbenzene	11.66	105	136145	1.015 ug/l	100
80) Nitrobenzene	13.23	77	3274	5.754 ug/l	99
81) p-Isopropyltoluene	11.81	119	109839	1.041 ug/l	98
82) 1,3-Dichlorobenzene	11.76	146	55733	0.996 ug/l	99
83) 1,4-Dichlorobenzene	11.85	146	57612	1.017 ug/l	98
84) n-Butylbenzene	12.22	91	105960	1.049 ug/l	99
85) 1,2-Dichlorobenzene	12.23	146	52099	0.965 ug/l	98
86) 1,2-Dibromo-3-Chloropropan	13.02	75	3857	0.904 ug/l	96
87) 1,2,4-Trichlorobenzene	13.87	180	38812	1.366 ug/l	95
88) Hexachlorobutadiene	14.06	225	17116	1.009 ug/l	97
89) Naphthalene	14.12	128	71711	1.456 ug/l	99
90) 1,2,3-Trichlorobenzene	14.37	180	32879	1.201 ug/l	98

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

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