Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
Data File : VU040061.D
Acq On : 09 Sep 2020 12:00
Operator : SY/MD
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
9/17/2020 4:47:12 PM

Quant Time: Sep 10 04:01:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U090920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 10 03:43:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.13	96	27947	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	11238	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.00%			
68) 1,2-Dichlorobenzene-d4	12.19	152	10288	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery = 97.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	41594	4.424	ug/l	97
3) Chloromethane	1.53	50	43086	3.746	ug/l	99
4) Vinyl Chloride	1.61	62	42949	4.032	ug/l	98
5) Bromomethane	1.86	94	27588	3.761	ug/l	98
6) Chloroethane	1.94	64	26998	3.676	ug/l	91
7) Trichlorofluoromethane	2.15	101	63892	4.446	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	36541	4.429	ug/l	98
9) 1,1-Dichloroethene	2.59	96	29989	4.001	ug/l	90
10) Iodomethane	2.74	142	30200	4.047	ug/l	99
11) Allyl Chloride	2.94	41	61747	3.863	ug/l	98
12) Acrylonitrile	3.33	53	22109	8.388	ug/l	96
13) Acetone	2.64	43	49484	19.928	ug/l	91
14) Carbon Disulfide	2.81	76	85479	3.211	ug/l	100
15) Methylene Chloride	3.06	84	41946	3.982	ug/l	94
16) trans-1,2-Dichloroethene	3.37	96	35148	4.129	ug/l	98
17) 1,1-Dichloroethane	3.89	63	70969	3.826	ug/l	99
18) 2-Butanone	4.74	43	77386	18.837	ug/l	100
19) Cyclohexane	5.40	56	59263m	3.344	ug/l	
20) Methylcyclohexane	6.77	83	57009	4.249	ug/l	94
21) 2,2-Dichloropropane	4.68	77	66654	4.322	ug/l	100
22) cis-1,2-Dichloroethene	4.69	96	39780	4.310	ug/l	99
23) Diethyl Ether	2.39	59	29464	3.877	ug/l	98
24) tert-Butyl Alcohol	3.21	59	37619	27.246	ug/l	100
25) Methyl tert-Butyl Ether	3.39	73	103233	4.212	ug/l	98
26) Bromochloromethane	4.99	128	17299	4.536	ug/l	97
27) Chloroform	5.11	83	74595	4.238	ug/l	99
28) 1,1,1-Trichloroethane	5.33	97	64971	4.511	ug/l	99
29) 1,1-Dichloropropene	5.54	75	55746	4.083	ug/l	99
30) Carbon Tetrachloride	5.54	117	60436	5.049	ug/l	98
31) Isopropyl Ether	4.02	45	123941	3.678	ug/l	98
32) Ethyl-t-butyl ether	4.53	59	116716	4.032	ug/l	99
33) Tert-Amyl methyl ether	5.96	73	104490	4.870	ug/l	99
34) Propionitrile	4.81	54	19195	18.895	ug/l #	92
35) Benzene	5.79	78	155608	4.524	ug/l	98
36) 1,2-Dichloroethane	5.81	62	60002	4.639	ug/l	99
37) Trichloroethene	6.55	130	39216	4.929	ug/l	96
38) 1,2-Dichloropropane	6.81	63	44659	4.722	ug/l	100
39) Methacrylonitrile	5.00	41	19414	3.598	ug/l #	90
40) Methyl acrylate	4.87	55	25428	3.686	ug/l #	97
41) Tetrahydrofuran	5.09	42	19588	7.282	ug/l	95
42) 1-Chlorobutane	5.47	56	83224	3.909	ug/l	100

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Operator : SY/MD
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

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Quant Time: Sep 10 04:01:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U090920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 10 03:43:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.93	93	25622	4.962 ug/l	99
44) Bromodichloromethane	7.12	83	61688	5.220 ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	181844	23.645 ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	26856m	11.015 ug/l	
47) Methyl methacrylate	6.98	69	46324	9.763 ug/l	98
48) Ethyl methacrylate	8.34	69	41299	4.730 ug/l	97
49) Toluene	7.98	92	96491	4.747 ug/l	95
50) t-1,3-Dichloropropene	8.22	75	56814	5.339 ug/l	96
51) cis-1,3-Dichloropropene	7.62	75	60726	4.875 ug/l	99
52) 1,1,2-Trichloroethane	8.41	97	32675	4.883 ug/l	94
53) 1,3-Dichloropropane	8.58	76	58800	4.616 ug/l	98
54) 2-Hexanone	8.70	43	133729	24.272 ug/l	100
55) Dibromochloromethane	8.82	129	39167	5.409 ug/l	99
56) 1,2-Dibromoethane	8.93	107	31463	4.927 ug/l	97
58) Tetrachloroethene	8.56	164	38784	5.469 ug/l	96
59) Chlorobenzene	9.45	112	104164	4.900 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	36974	5.085 ug/l	95
61) Pentachloroethane	11.42	117	24586	4.041 ug/l	97
62) Hexachloroethane	12.47	117	32661	5.568 ug/l	98
63) Ethyl Benzene	9.57	91	184272	4.874 ug/l	97
64) m/p-Xylenes	9.69	106	143436	9.758 ug/l	99
65) o-Xylene	10.10	106	67599	4.832 ug/l	99
66) Styrene	10.11	104	120288	4.996 ug/l	99
67) Bromoform	10.29	173	20243	5.483 ug/l	97
69) Isopropylbenzene	10.48	105	182663	4.870 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	43367	4.571 ug/l	94
71) 1,2,3-Trichloropropane	10.83	75	34591m	4.911 ug/l	
72) Bromobenzene	10.78	156	42154	4.931 ug/l	96
73) n-propylbenzene	10.90	120	50741	4.821 ug/l	98
74) 2-Chlorotoluene	10.98	126	45474	5.084 ug/l	96
75) 1,3,5-Trimethylbenzene	11.09	105	167744	5.167 ug/l	99
76) 4-Chlorotoluene	11.10	126	48359	5.207 ug/l	100
77) tert-Butylbenzene	11.42	119	147517	4.767 ug/l	99
78) 1,2,4-Trimethylbenzene	11.46	105	173833	5.230 ug/l	98
79) sec-Butylbenzene	11.64	105	221482	5.002 ug/l	100
80) Nitrobenzene	13.20	77	9116	45.685 ug/l	98
81) p-Isopropyltoluene	11.79	119	178608	5.013 ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	90409	4.899 ug/l	97
83) 1,4-Dichlorobenzene	11.83	146	91947	4.943 ug/l	98
84) n-Butylbenzene	12.20	91	184008	4.862 ug/l	98
85) 1,2-Dichlorobenzene	12.21	146	87796	4.933 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	8570	5.279 ug/l	98
87) 1,2,4-Trichlorobenzene	13.83	180	51855	4.692 ug/l	100
88) Hexachlorobutadiene	14.01	225	25972	5.053 ug/l	95
89) Naphthalene	14.08	128	105027	4.469 ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	50075	4.797 ug/l	97

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

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