Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102220\
Data File : VU040914.D
Acq On : 22 Oct 2020 20:01
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
10/26/2020 4:14:54 PM

Quant Time: Oct 23 06:55:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 23 06:42:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	56659	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	22587	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.00%			
68) 1,2-Dichlorobenzene-d4	12.19	152	23126	1.09	ug/l	0.00
Spiked Amount 1.000			Recovery = 109.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	135007	7.715	ug/l	97
3) Chloromethane	1.53	50	142588	7.677	ug/l	96
4) Vinyl Chloride	1.61	62	130762	7.191	ug/l	98
5) Bromomethane	1.87	94	72613	5.642	ug/l	98
6) Chloroethane	1.94	64	77289	6.565	ug/l	98
7) Trichlorofluoromethane	2.15	101	171094	6.534	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	93982	6.262	ug/l	99
9) 1,1-Dichloroethene	2.59	96	80824	6.310	ug/l	97
10) Iodomethane	2.74	142	92964	8.795	ug/l	99
11) Allyl Chloride	2.94	41	166798	6.535	ug/l	100
12) Acrylonitrile	3.34	53	57673	12.892	ug/l	96
13) Acetone	2.66	43	118443	29.758	ug/l	96
14) Carbon Disulfide	2.81	76	308123	8.098	ug/l	100
15) Methylene Chloride	3.06	84	99373	5.166	ug/l	99
16) trans-1,2-Dichloroethene	3.37	96	90586	6.497	ug/l	98
17) 1,1-Dichloroethane	3.89	63	190737	6.312	ug/l	99
18) 2-Butanone	4.75	43	199694	32.072	ug/l	100
19) Cyclohexane	5.39	56	175341m	6.780	ug/l	
20) Methylcyclohexane	6.77	83	135340	5.850	ug/l	98
21) 2,2-Dichloropropane	4.68	77	152907	5.451	ug/l	98
22) cis-1,2-Dichloroethene	4.69	96	97261	6.113	ug/l	98
23) Diethyl Ether	2.39	59	82692	6.742	ug/l	98
24) tert-Butyl Alcohol	3.25	59	61618m	38.138	ug/l	
25) Methyl tert-Butyl Ether	3.38	73	253202	6.020	ug/l	98
26) Bromochloromethane	4.99	128	43458	6.243	ug/l	97
27) Chloroform	5.10	83	181262	5.985	ug/l	97
28) 1,1,1-Trichloroethane	5.33	97	154794	5.909	ug/l	99
29) 1,1-Dichloropropene	5.54	75	136809	6.080	ug/l	100
30) Carbon Tetrachloride	5.53	117	140189	5.916	ug/l	96
31) Isopropyl Ether	4.02	45	291165	5.725	ug/l	99
32) Ethyl-t-butyl ether	4.53	59	254972	5.567	ug/l	98
33) Tert-Amyl methyl ether	5.96	73	191951	4.851	ug/l	98
34) Propionitrile	4.82	54	57944	36.523	ug/l #	91
35) Benzene	5.79	78	376570	6.047	ug/l	98
36) 1,2-Dichloroethane	5.81	62	140823	5.894	ug/l	99
37) Trichloroethene	6.55	130	88503	5.671	ug/l	97
38) 1,2-Dichloropropane	6.80	63	108499	6.032	ug/l	96
39) Methacrylonitrile	5.01	41	50806	6.038	ug/l	97
40) Methyl acrylate	4.87	55	70239	6.460	ug/l	99
41) Tetrahydrofuran	5.10	42	50578	12.392	ug/l	96
42) 1-Chlorobutane	5.47	56	202924	6.084	ug/l	100

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Data File : VU040914.D
Acq On : 22 Oct 2020 20:01
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: Oct 23 06:55:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 23 06:42:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.93	93	60546	5.868	ug/l		97
44) Bromodichloromethane	7.12	83	143150	5.793	ug/l		99
45) 4-Methyl-2-Pentanone	7.81	43	422620	29.831	ug/l		99
46) t-1,4-Dichloro-2-butene	10.83	75	75709m	14.130	ug/l		
47) Methyl methacrylate	6.98	69	108462	12.147	ug/l		98
48) Ethyl methacrylate	8.34	69	87499	5.485	ug/l		99
49) Toluene	7.98	92	223074	5.935	ug/l		99
50) t-1,3-Dichloropropene	8.22	75	124729	5.638	ug/l		96
51) cis-1,3-Dichloropropene	7.62	75	135253	5.504	ug/l		98
52) 1,1,2-Trichloroethane	8.41	97	78806	5.956	ug/l		97
53) 1,3-Dichloropropane	8.58	76	140836	5.925	ug/l		99
54) 2-Hexanone	8.70	43	297521	29.186	ug/l		98
55) Dibromochloromethane	8.82	129	92316	5.995	ug/l		98
56) 1,2-Dibromoethane	8.93	107	73105	5.908	ug/l		98
58) Tetrachloroethene	8.56	164	84430	5.622	ug/l		97
59) Chlorobenzene	9.45	112	224868	5.499	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.54	131	87838	5.840	ug/l		97
61) Pentachloroethane	11.42	117	70216	6.608	ug/l		100
62) Hexachloroethane	12.47	117	73183	5.621	ug/l		100
63) Ethyl Benzene	9.57	91	384413	5.500	ug/l		99
64) m/p-Xylenes	9.69	106	320237	12.180	ug/l		100
65) o-Xylene	10.10	106	137061	5.444	ug/l		96
66) Styrene	10.11	104	259051	5.851	ug/l		99
67) Bromoform	10.29	173	50341	6.283	ug/l		98
69) Isopropylbenzene	10.48	105	366165	5.323	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.78	83	107689	6.069	ug/l		98
71) 1,2,3-Trichloropropane	10.83	75	76088m	5.579	ug/l		
72) Bromobenzene	10.78	156	94664	5.807	ug/l		98
73) n-propylbenzene	10.90	120	110190	5.765	ug/l		98
74) 2-Chlorotoluene	10.99	126	97580	5.850	ug/l		97
75) 1,3,5-Trimethylbenzene	11.09	105	351640	5.828	ug/l		99
76) 4-Chlorotoluene	11.10	126	102158	5.691	ug/l		97
77) tert-Butylbenzene	11.42	119	309073	5.499	ug/l		98
78) 1,2,4-Trimethylbenzene	11.46	105	368664	5.812	ug/l		97
79) sec-Butylbenzene	11.64	105	452270	5.587	ug/l		99
80) Nitrobenzene	13.20	77	24933	33.908	ug/l	#	97
81) p-Isopropyltoluene	11.79	119	373757	5.754	ug/l		98
82) 1,3-Dichlorobenzene	11.74	146	200867	5.632	ug/l		97
83) 1,4-Dichlorobenzene	11.83	146	215202	6.085	ug/l		98
84) n-Butylbenzene	12.20	91	370959	5.601	ug/l		98
85) 1,2-Dichlorobenzene	12.21	146	197760	5.774	ug/l		98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	20017	6.151	ug/l		95
87) 1,2,4-Trichlorobenzene	13.83	180	107682	5.442	ug/l		97
88) Hexachlorobutadiene	14.01	225	62165	6.011	ug/l		99
89) Naphthalene	14.08	128	219692	5.692	ug/l		99
90) 1,2,3-Trichlorobenzene	14.32	180	112143	5.978	ug/l		99

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

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Instrument :
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