Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
Data File : VU029999.D
Acq On : 12 Mar 2019 09:50
Operator : JC/SP
Sample : VSTDICC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED
MMDadoda
3/13/2019 12:55:17 PM

Quant Time: Mar 13 04:14:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:00:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	61503	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	24127	1.08	ug/l		0.00
Spiked Amount 1.000			Recovery = 108.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	25229	0.99	ug/l		0.00
Spiked Amount 1.000			Recovery = 99.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	12556	0.557	ug/l		99
3) Chloromethane	1.33	50	13807	0.540	ug/l		93
4) Vinyl Chloride	1.40	62	11692	0.533	ug/l		93
5) Bromomethane	1.63	94	7633	0.609	ug/l		95
6) Chloroethane	1.70	64	6365	0.503	ug/l		91
7) Trichlorofluoromethane	1.88	101	15715	0.552	ug/l		99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	8672	0.560	ug/l		98
9) 1,1-Dichloroethene	2.28	96	8308	0.541	ug/l		96
10) Iodomethane	2.41	142	6076	0.457	ug/l		97
11) Allyl Chloride	2.59	41	12167	0.561	ug/l		94
12) Acrylonitrile	2.93	53	3672	1.105	ug/l	#	91
13) Acetone	2.32	43	9929	3.432	ug/l		96
14) Carbon Disulfide	2.48	76	30491	0.570	ug/l	#	94
15) Methylene Chloride	2.69	84	11223	0.614	ug/l		94
16) trans-1,2-Dichloroethene	2.98	96	9476	0.535	ug/l		98
17) 1,1-Dichloroethane	3.44	63	15999	0.534	ug/l		98
18) 2-Butanone	4.28	43	10734	2.680	ug/l		97
19) Cyclohexane	4.98	56	13000m	0.508	ug/l		
20) Methylcyclohexane	6.41	83	14876	0.525	ug/l		96
21) 2,2-Dichloropropane	4.22	77	14129	0.561	ug/l		95
22) cis-1,2-Dichloroethene	4.22	96	10380	0.527	ug/l		99
23) Diethyl Ether	2.10	59	6238	0.544	ug/l	#	89
24) tert-Butyl Alcohol	2.83	59	6918	5.638	ug/l		99
25) Methyl tert-Butyl Ether	3.00	73	20756	0.536	ug/l	#	90
26) Bromochloromethane	4.54	128	4587	0.532	ug/l		96
27) Chloroform	4.67	83	18410	0.584	ug/l		97
28) 1,1,1-Trichloroethane	4.91	97	13479	0.520	ug/l		97
29) 1,1-Dichloropropene	5.13	75	12662	0.536	ug/l		97
30) Carbon Tetrachloride	5.13	117	12143m	0.524	ug/l		
31) Isopropyl Ether	3.57	45	22988	0.545	ug/l		97
32) Ethyl-t-butyl ether	4.06	59	21369	0.526	ug/l		98
33) Tert-Amyl methyl ether	5.58	73	18722	0.504	ug/l		99
34) Propionitrile	4.33	54	2512m	2.210	ug/l		
35) Benzene	5.39	78	36102	0.523	ug/l		97
36) 1,2-Dichloroethane	5.41	62	10221	0.553	ug/l		98
37) Trichloroethene	6.18	130	11079	0.557	ug/l		94
38) 1,2-Dichloropropane	6.43	63	9062	0.516	ug/l		95
39) Methacrylonitrile	4.55	41	2591	0.532	ug/l	#	83
40) Methyl acrylate	4.44	55	3830	0.498	ug/l	#	87
41) Tetrahydrofuran	4.65	42	3183	1.182	ug/l	#	89
42) 1-Chlorobutane	5.06	56	16246	0.525	ug/l		96

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Quant Time: Mar 13 04:14:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:00:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	4814	0.530 ug/l	98
44) Bromodichloromethane	6.76	83	11269	0.520 ug/l #	94
45) 4-Methyl-2-Pentanone	7.46	43	22730	2.532 ug/l	97
46) t-1,4-Dichloro-2-butene	10.52	75	2648m	0.759 ug/l	
47) Methyl methacrylate	6.63	69	7186	0.944 ug/l	92
48) Ethyl methacrylate	8.02	69	6078	0.423 ug/l	82
49) Toluene	7.64	92	20521	0.493 ug/l	98
50) t-1,3-Dichloropropene	7.88	75	9108	0.469 ug/l	95
51) cis-1,3-Dichloropropene	7.27	75	12305	0.504 ug/l	95
52) 1,1,2-Trichloroethane	8.07	97	6524	0.508 ug/l	94
53) 1,3-Dichloropropane	8.24	76	10887	0.507 ug/l	95
54) 2-Hexanone	8.37	43	17662	2.731 ug/l	94
55) Dibromochloromethane	8.47	129	7846	0.508 ug/l	98
56) 1,2-Dibromoethane	8.58	107	6441	0.521 ug/l	94
58) Tetrachloroethene	8.22	164	9649	0.534 ug/l	97
59) Chlorobenzene	9.12	112	24396	0.513 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	9226	0.549 ug/l	97
61) Pentachloroethane	11.10	117	6651	0.513 ug/l	94
62) Hexachloroethane	12.14	117	6708	0.514 ug/l	92
63) Ethyl Benzene	9.25	91	38530	0.493 ug/l	96
64) m/p-Xylenes	9.37	106	29020	0.944 ug/l	98
65) o-Xylene	9.77	106	14550	0.483 ug/l	98
66) Styrene	9.79	104	22287	0.451 ug/l	99
67) Bromoform	9.96	173	4262	0.483 ug/l	93
69) Isopropylbenzene	10.16	105	38450	0.489 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	8278	0.523 ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	6664m	0.567 ug/l	
72) Bromobenzene	10.45	156	10247	0.497 ug/l	97
73) n-propylbenzene	10.58	120	10490	0.471 ug/l	96
74) 2-Chlorotoluene	10.66	126	9622	0.493 ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	31267	0.467 ug/l	100
76) 4-Chlorotoluene	10.77	126	9791	0.491 ug/l	90
77) tert-Butylbenzene	11.10	119	31332	0.478 ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	31525	0.463 ug/l	99
79) sec-Butylbenzene	11.32	105	40729	0.464 ug/l	100
81) p-Isopropyltoluene	11.47	119	33410	0.454 ug/l	97
82) 1,3-Dichlorobenzene	11.42	146	21213	0.510 ug/l	98
83) 1,4-Dichlorobenzene	11.51	146	21864	0.523 ug/l	97
84) n-Butylbenzene	11.89	91	32033	0.466 ug/l	97
85) 1,2-Dichlorobenzene	11.88	146	20024	0.517 ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.65	75	1138	0.499 ug/l	93
87) 1,2,4-Trichlorobenzene	13.50	180	14321	0.512 ug/l	96
88) Hexachlorobutadiene	13.69	225	7856	0.518 ug/l	97
89) Naphthalene	13.75	128	19009	0.434 ug/l	98
90) 1,2,3-Trichlorobenzene	13.99	180	12605	0.498 ug/l	96

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

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