Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112618\
Data File : VU028333.D
Acq On : 26 Nov 2018 12:26
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU112618

Manual Integrations APPROVED
MMDadoda
11/30/2018 2:33:38 PM

Quant Time: Nov 27 01:19:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Nov 27 01:03:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	50741	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.30	95	18548	1.00	ug/l		0.00
Spiked Amount 1.000			Recovery = 100.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	16608	0.96	ug/l		0.00
Spiked Amount 1.000			Recovery = 96.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	133839	7.333	ug/l		100
3) Chloromethane	1.32	50	292183	9.405	ug/l		98
4) Vinyl Chloride	1.40	62	206503	9.712	ug/l		100
5) Bromomethane	1.63	94	76864	9.176	ug/l		97
6) Chloroethane	1.70	64	122184	9.843	ug/l		98
7) Trichlorofluoromethane	1.89	101	231541	9.971	ug/l		99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	137261	10.277	ug/l		99
9) 1,1-Dichloroethene	2.29	96	132307	10.710	ug/l		95
10) Iodomethane	2.41	142	109616	13.120	ug/l		100
11) Allyl Chloride	2.59	41	336064	10.775	ug/l		97
12) Acrylonitrile	2.94	53	207459	52.720	ug/l		96
13) Acetone	2.33	43	268339	73.585	ug/l		98
14) Carbon Disulfide	2.48	76	481630	10.264	ug/l		100
15) Methylene Chloride	2.70	84	151191	10.036	ug/l		95
16) trans-1,2-Dichloroethene	2.98	96	142668	10.319	ug/l		99
17) 1,1-Dichloroethane	3.44	63	320068	10.385	ug/l		98
18) 2-Butanone	4.28	43	348501	63.955	ug/l		99
19) Cyclohexane	4.99	56	279654	10.452	ug/l		98
20) Methylcyclohexane	6.41	83	283138	10.810	ug/l		99
21) 2,2-Dichloropropane	4.22	77	259543	10.492	ug/l		100
22) cis-1,2-Dichloroethene	4.22	96	166934	10.318	ug/l		95
23) Diethyl Ether	2.10	59	129449	10.453	ug/l		99
24) tert-Butyl Alcohol	2.85	59	68503	55.109	ug/l		100
25) Methyl tert-Butyl Ether	3.00	73	386765	10.540	ug/l		100
26) Bromochloromethane	4.55	128	60846	9.866	ug/l		99
27) Chloroform	4.67	83	295954	9.957	ug/l		99
28) 1,1,1-Trichloroethane	4.91	97	245616	10.581	ug/l		99
29) 1,1-Dichloropropene	5.13	75	233184	10.472	ug/l		100
30) Carbon Tetrachloride	5.13	117	197317	10.526	ug/l		93
31) Isopropyl Ether	3.58	45	628798	11.392	ug/l	#	1
34) Propionitrile	4.34	54	153850	112.391	ug/l	#	94
35) Benzene	5.39	78	693771	10.584	ug/l		100
36) 1,2-Dichloroethane	5.40	62	201078	10.256	ug/l		99
37) Trichloroethene	6.18	130	150904	10.569	ug/l		99
38) 1,2-Dichloropropane	6.43	63	197260	10.552	ug/l		96
39) Methacrylonitrile	4.55	41	77203	10.529	ug/l		98
40) Methyl acrylate	4.43	55	102515	10.162	ug/l	#	91
41) Tetrahydrofuran	4.65	42	195824	53.132	ug/l		99
42) 1-Chlorobutane	5.06	56	364740	10.304	ug/l		96
43) Dibromomethane	6.56	93	85193	10.705	ug/l		98
44) Bromodichloromethane	6.76	83	218379	10.392	ug/l		96

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.46	43	696200	54.465	ug/l	99
46) t-1,4-Dichloro-2-butene	10.49	75	97535m	20.862	ug/l	
47) Methyl methacrylate	6.63	69	92410	11.376	ug/l	99
48) Ethyl methacrylate	8.02	69	177385	10.917	ug/l	96
49) Toluene	7.64	92	397612	10.922	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	228099	11.301	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	269705	10.821	ug/l	99
52) 1,1,2-Trichloroethane	8.07	97	116881	10.461	ug/l	99
53) 1,3-Dichloropropane	8.24	76	225737	10.816	ug/l	99
54) 2-Hexanone	8.36	43	550543	59.871	ug/l	99
55) Dibromochloromethane	8.48	129	127482	10.727	ug/l	100
56) 1,2-Dibromoethane	8.58	107	109281	10.738	ug/l	99
58) Tetrachloroethene	8.22	164	134482	10.287	ug/l	98
59) Chlorobenzene	9.12	112	404852	10.687	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	134905	10.508	ug/l	98
61) Pentachloroethane	11.10	117	110008	11.012	ug/l	100
62) Hexachloroethane	12.14	117	105012	11.217	ug/l	98
63) Ethyl Benzene	9.25	91	784640	11.225	ug/l	98
64) m/p-Xylenes	9.37	106	568276	22.465	ug/l	99
65) o-Xylene	9.78	106	273286	11.195	ug/l	98
66) Styrene	9.79	104	451341	10.779	ug/l	99
67) Bromoform	9.96	173	70096	10.524	ug/l	99
69) Isopropylbenzene	10.17	105	744120	11.384	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	157273	10.494	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	70476m	6.746	ug/l	
72) Bromobenzene	10.45	156	159809	11.015	ug/l	98
73) n-propylbenzene	10.58	120	192914	11.379	ug/l	98
74) 2-Chlorotoluene	10.66	126	160661	10.815	ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	626515	11.388	ug/l	97
76) 4-Chlorotoluene	10.77	126	170975	11.353	ug/l	99
77) tert-Butylbenzene	11.10	119	582581	11.248	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	640726	11.365	ug/l	99
79) sec-Butylbenzene	11.32	105	785940	10.885	ug/l	100
80) Nitrobenzene	12.86	77	8274	12.255	ug/l	97
81) p-Isopropyltoluene	11.48	119	664168	11.576	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	315235	10.847	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	312033	10.788	ug/l	98
84) n-Butylbenzene	11.89	91	695637	11.548	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	295719	10.691	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	26147	10.846	ug/l	97
87) 1,2,4-Trichlorobenzene	13.50	180	216851	11.152	ug/l	98
88) Hexachlorobutadiene	13.69	225	116281	11.052	ug/l	99
89) Naphthalene	13.74	128	441494	11.488	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	203060	11.075	ug/l	98

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

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