Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071119\
Data File : VU033196.D
Acq On : 11 Jul 2019 17:20
Operator : JC/SP
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC001

Manual Integrations APPROVED
MMDadoda
7/16/2019 4:03:08 PM

Quant Time: Jul 12 04:40:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U071119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 12 04:10:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	30708	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	11127	0.92	ug/l	0.00
Spiked Amount 1.000			Recovery = 92.00%			
68) 1,2-Dichlorobenzene-d4	11.84	152	11898	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery = 96.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	11784	0.923	ug/l	94
3) Chloromethane	1.32	50	14212	0.977	ug/l	96
4) Vinyl Chloride	1.40	62	14130	0.915	ug/l	92
5) Bromomethane	1.62	94	9960	1.158	ug/l	95
6) Chloroethane	1.69	64	8675	0.895	ug/l	97
7) Trichlorofluoromethane	1.88	101	19200	0.918	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	9796	0.927	ug/l	99
9) 1,1-Dichloroethene	2.27	96	10281	0.959	ug/l	97
10) Iodomethane	2.40	142	9156	0.640	ug/l	99
11) Allyl Chloride	2.58	41	17354	0.940	ug/l	96
12) Acrylonitrile	2.92	53	5897	1.975	ug/l	97
13) Acetone	2.31	43	12946	4.901	ug/l	100
14) Carbon Disulfide	2.46	76	36817	0.928	ug/l	100
15) Methylene Chloride	2.68	84	14009	1.014	ug/l	98
16) trans-1,2-Dichloroethene	2.96	96	11836	0.960	ug/l	99
17) 1,1-Dichloroethane	3.42	63	16268	0.897	ug/l	98
18) 2-Butanone	4.26	43	11697	4.941	ug/l	95
19) Cyclohexane	4.97	56	11647m	0.851	ug/l	
20) Methylcyclohexane	6.39	83	11861	0.874	ug/l	95
21) 2,2-Dichloropropane	4.20	77	14019	0.886	ug/l	98
22) cis-1,2-Dichloroethene	4.20	96	9451	0.940	ug/l	95
23) Diethyl Ether	2.09	59	8855	0.979	ug/l	97
24) tert-Butyl Alcohol	2.82	59	10711	9.299	ug/l	97
25) Methyl tert-Butyl Ether	2.98	73	29245	0.958	ug/l	97
26) Bromochloromethane	4.52	128	4417	0.986	ug/l	98
27) Chloroform	4.65	83	18884	0.933	ug/l	98
28) 1,1,1-Trichloroethane	4.89	97	14245	0.898	ug/l	99
29) 1,1-Dichloropropene	5.11	75	11600	0.884	ug/l	99
30) Carbon Tetrachloride	5.11	117	12513	0.882	ug/l	92
31) Isopropyl Ether	3.56	45	21799	0.910	ug/l	95
32) Ethyl-t-butyl ether	4.05	59	20714	0.907	ug/l	99
33) Tert-Amyl methyl ether	5.56	73	18262	0.887	ug/l	98
34) Propionitrile	4.32	54	3260	4.757	ug/l #	90
35) Benzene	5.36	78	34088	0.893	ug/l	96
36) 1,2-Dichloroethane	5.38	62	11440	0.928	ug/l	97
37) Trichloroethene	6.17	130	9197	0.934	ug/l	96
38) 1,2-Dichloropropane	6.41	63	9292	0.884	ug/l	92
39) Methacrylonitrile	4.53	41	2979	1.048	ug/l #	85
40) Methyl acrylate	4.42	55	3981	0.928	ug/l #	75
41) Tetrahydrofuran	4.64	42	3135	2.162	ug/l #	84
42) 1-Chlorobutane	5.04	56	15903	0.892	ug/l	98

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Quant Time: Jul 12 04:40:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U071119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 12 04:10:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.54	93	4957	0.899	ug/l		93
44) Bromodichloromethane	6.74	83	12528	0.913	ug/l		91
45) 4-Methyl-2-Pentanone	7.45	43	25520	4.362	ug/l		99
46) t-1,4-Dichloro-2-butene	10.50	75	4195m	1.588	ug/l		
47) Methyl methacrylate	6.61	69	6764	1.581	ug/l	#	87
48) Ethyl methacrylate	8.01	69	7011	0.885	ug/l		96
49) Toluene	7.62	92	19263	0.857	ug/l		99
50) t-1,3-Dichloropropene	7.86	75	10255	0.866	ug/l		92
51) cis-1,3-Dichloropropene	7.25	75	12239	0.879	ug/l		98
52) 1,1,2-Trichloroethane	8.05	97	6971	0.917	ug/l		97
53) 1,3-Dichloropropane	8.22	76	11922	0.933	ug/l		96
54) 2-Hexanone	8.35	43	18027	4.525	ug/l		95
55) Dibromochloromethane	8.46	129	7876	0.887	ug/l		93
56) 1,2-Dibromoethane	8.57	107	6454	0.928	ug/l		95
58) Tetrachloroethene	8.21	164	8251	0.914	ug/l		97
59) Chlorobenzene	9.10	112	21606	0.863	ug/l		96
60) 1,1,1,2-Tetrachloroethane	9.19	131	7904	0.825	ug/l		96
61) Pentachloroethane	11.09	117	6533	0.839	ug/l		95
62) Hexachloroethane	12.13	117	6352	0.850	ug/l		93
63) Ethyl Benzene	9.23	91	32994	0.800	ug/l		100
64) m/p-Xylenes	9.36	106	24683	1.536	ug/l		96
65) o-Xylene	9.76	106	12769	0.828	ug/l		96
66) Styrene	9.77	104	20680	0.796	ug/l		97
67) Bromoform	9.94	173	4232	0.871	ug/l		98
69) Isopropylbenzene	10.15	105	33340	0.827	ug/l		97
70) 1,1,2,2-Tetrachloroethane	10.44	83	9307	0.925	ug/l		94
71) 1,2,3-Trichloropropane	10.48	75	6980m	0.964	ug/l		
72) Bromobenzene	10.44	156	9417	0.916	ug/l		98
73) n-propylbenzene	10.57	120	9294	0.830	ug/l		99
74) 2-Chlorotoluene	10.65	126	8625	0.842	ug/l		100
75) 1,3,5-Trimethylbenzene	10.76	105	26811	0.751	ug/l		99
76) 4-Chlorotoluene	10.76	126	8603	0.801	ug/l		100
77) tert-Butylbenzene	11.08	119	27437	0.806	ug/l		98
78) 1,2,4-Trimethylbenzene	11.13	105	27264	0.754	ug/l		99
79) sec-Butylbenzene	11.31	105	37352	0.803	ug/l		99
80) Nitrobenzene	12.86	77	1042m	4.188	ug/l		
81) p-Isopropyltoluene	11.46	119	28915	0.772	ug/l		98
82) 1,3-Dichlorobenzene	11.40	146	18699	0.865	ug/l		99
83) 1,4-Dichlorobenzene	11.49	146	18891	0.887	ug/l		97
84) n-Butylbenzene	11.87	91	29401	0.804	ug/l		96
85) 1,2-Dichlorobenzene	11.86	146	18615	0.930	ug/l		97
86) 1,2-Dibromo-3-Chloropropan	12.65	75	1345	0.866	ug/l		96
87) 1,2,4-Trichlorobenzene	13.49	180	10773	0.978	ug/l		98
88) Hexachlorobutadiene	13.68	225	6326	0.885	ug/l		98
89) Naphthalene	13.73	128	18062	0.976	ug/l		98
90) 1,2,3-Trichlorobenzene	13.97	180	9784	0.913	ug/l		97

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

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