Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102320\
Data File : VU040931.D
Acq On : 23 Oct 2020 12:32
Operator : SY/MD
Sample : VU1023WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU1023WBSD01

Manual Integrations APPROVED
MMDadoda
10/26/2020 4:24:20 PM

Quant Time: Oct 24 06:46:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 23 07:07:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	54507	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	20100	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery = 101.00%			
68) 1,2-Dichlorobenzene-d4	12.19	152	20562	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery = 99.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	53954	2.122	ug/l	96
3) Chloromethane	1.53	50	55638	2.100	ug/l	96
4) Vinyl Chloride	1.61	62	51861	2.102	ug/l	94
5) Bromomethane	1.87	94	31956	2.204	ug/l	98
6) Chloroethane	1.94	64	31008	2.056	ug/l	99
7) Trichlorofluoromethane	2.15	101	67263	2.158	ug/l	94
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	38833	2.240	ug/l	97
9) 1,1-Dichloroethene	2.59	96	34175	2.264	ug/l	94
10) Iodomethane	2.74	142	34444	2.195	ug/l	98
11) Allyl Chloride	2.94	41	67862	2.183	ug/l	99
12) Acrylonitrile	3.34	53	22620	4.251	ug/l	98
13) Acetone	2.67	43	52060	11.688	ug/l	100
14) Carbon Disulfide	2.81	76	124406	2.193	ug/l	99
15) Methylene Chloride	3.06	84	40246	2.053	ug/l	99
16) trans-1,2-Dichloroethene	3.37	96	37818	2.213	ug/l	94
17) 1,1-Dichloroethane	3.89	63	74247	2.125	ug/l	98
18) 2-Butanone	4.75	43	75770	10.516	ug/l	99
19) Cyclohexane	5.40	56	68342m	2.078	ug/l	
20) Methylcyclohexane	6.77	83	45042	1.831	ug/l	93
21) 2,2-Dichloropropane	4.68	77	66787	2.264	ug/l	99
22) cis-1,2-Dichloroethene	4.69	96	39480	2.166	ug/l	97
23) Diethyl Ether	2.39	59	33801	2.268	ug/l	96
24) tert-Butyl Alcohol	3.32	59	21022m	12.643	ug/l	
25) Methyl tert-Butyl Ether	3.39	73	98565	2.105	ug/l	100
26) Bromochloromethane	4.99	128	17313	2.185	ug/l	97
27) Chloroform	5.11	83	72087	2.159	ug/l	96
28) 1,1,1-Trichloroethane	5.33	97	61866	2.149	ug/l	97
29) 1,1-Dichloropropene	5.54	75	51315	2.034	ug/l	97
30) Carbon Tetrachloride	5.54	117	56943	2.185	ug/l	98
31) Isopropyl Ether	4.02	45	113884	2.108	ug/l	100
32) Ethyl-t-butyl ether	4.53	59	99088	2.082	ug/l	99
33) Tert-Amyl methyl ether	5.97	73	66948	1.889	ug/l	98
34) Propionitrile	4.84	54	20123	10.172	ug/l #	74
35) Benzene	5.79	78	144966	2.073	ug/l	98
36) 1,2-Dichloroethane	5.81	62	56908	2.195	ug/l	99
37) Trichloroethene	6.55	130	35500	2.148	ug/l	98
38) 1,2-Dichloropropane	6.81	63	42272	2.131	ug/l	100
39) Methacrylonitrile	5.01	41	19712	2.125	ug/l	97
40) Methyl acrylate	4.87	55	28470	2.239	ug/l #	94
41) Tetrahydrofuran	5.10	42	20280	4.251	ug/l #	79
42) 1-Chlorobutane	5.47	56	81164	2.128	ug/l	100

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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU1023WBSD01

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Quant Time: Oct 24 06:46:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 23 07:07:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.93	93	22825	2.053	ug/l		98
44) Bromodichloromethane	7.12	83	54753	2.121	ug/l		100
45) 4-Methyl-2-Pentanone	7.81	43	136295	9.337	ug/l		97
46) t-1,4-Dichloro-2-butene	10.83	75	19139m	3.316	ug/l		
47) Methyl methacrylate	6.98	69	35474	3.821	ug/l		97
48) Ethyl methacrylate	8.34	69	27807	1.781	ug/l		96
49) Toluene	7.98	92	76076	1.978	ug/l		100
50) t-1,3-Dichloropropene	8.22	75	45678	2.047	ug/l		97
51) cis-1,3-Dichloropropene	7.62	75	46553	1.904	ug/l		98
52) 1,1,2-Trichloroethane	8.41	97	29912	2.128	ug/l		95
53) 1,3-Dichloropropane	8.58	76	51772	2.051	ug/l		100
54) 2-Hexanone	8.70	43	99173	9.725	ug/l		95
55) Dibromochloromethane	8.82	129	36693	2.177	ug/l		97
56) 1,2-Dibromoethane	8.93	107	27581	2.116	ug/l		99
58) Tetrachloroethene	8.56	164	31295	2.025	ug/l		99
59) Chlorobenzene	9.45	112	79907	1.963	ug/l		97
60) 1,1,1,2-Tetrachloroethane	9.54	131	34279	2.143	ug/l		98
61) Pentachloroethane	11.42	117	27343	2.116	ug/l		100
62) Hexachloroethane	12.47	117	28142	2.140	ug/l		98
63) Ethyl Benzene	9.57	91	123456	1.831	ug/l		98
64) m/p-Xylenes	9.70	106	96018	3.580	ug/l		98
65) o-Xylene	10.10	106	43905	1.854	ug/l		96
66) Styrene	10.11	104	78116	1.805	ug/l		96
67) Bromoform	10.29	173	18404	2.017	ug/l		96
69) Isopropylbenzene	10.48	105	116628	1.847	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.78	83	41561	2.173	ug/l		97
71) 1,2,3-Trichloropropane	10.83	75	32050m	2.198	ug/l		
72) Bromobenzene	10.78	156	33014	2.005	ug/l		97
73) n-propylbenzene	10.91	120	32763	1.757	ug/l		89
74) 2-Chlorotoluene	10.99	126	33062	2.018	ug/l		98
75) 1,3,5-Trimethylbenzene	11.09	105	109717	1.866	ug/l		96
76) 4-Chlorotoluene	11.10	126	36447	2.146	ug/l		99
77) tert-Butylbenzene	11.42	119	103449	1.938	ug/l		97
78) 1,2,4-Trimethylbenzene	11.47	105	110488	1.823	ug/l		96
79) sec-Butylbenzene	11.64	105	146845	1.982	ug/l		98
80) Nitrobenzene	13.20	77	9693	10.715	ug/l	#	93
81) p-Isopropyltoluene	11.79	119	118427	1.884	ug/l		98
82) 1,3-Dichlorobenzene	11.74	146	77723	2.164	ug/l		99
83) 1,4-Dichlorobenzene	11.83	146	78822	2.170	ug/l		98
84) n-Butylbenzene	12.20	91	121866	1.965	ug/l		97
85) 1,2-Dichlorobenzene	12.21	146	72984	2.124	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	7466	2.091	ug/l		90
87) 1,2,4-Trichlorobenzene	13.83	180	36176	1.797	ug/l		97
88) Hexachlorobutadiene	14.01	225	24314	2.151	ug/l		98
89) Naphthalene	14.08	128	63081	1.871	ug/l		100
90) 1,2,3-Trichlorobenzene	14.32	180	36939	1.885	ug/l		98

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

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