Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012320\
Data File : VU036543.D
Acq On : 23 Jan 2020 17:01
Operator : JC/MD
Sample : VU0123WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0123WBS01

Manual Integrations APPROVED
apatel
1/27/2020 1:46:43 PM

Quant Time: Jan 24 02:58:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jan 23 08:59:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.15	96	34826	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	12935	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery = 98.00%			
68) 1,2-Dichlorobenzene-d4	12.21	152	13216	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery = 98.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	23783	2.066	ug/l	99
3) Chloromethane	1.54	50	26163	2.120	ug/l	97
4) Vinyl Chloride	1.62	62	28247	2.021	ug/l	98
5) Bromomethane	1.88	94	17230	1.984	ug/l	99
6) Chloroethane	1.95	64	16763	2.024	ug/l	97
7) Trichlorofluoromethane	2.16	101	27990	2.027	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	17339	2.015	ug/l	97
9) 1,1-Dichloroethene	2.61	96	18381	2.007	ug/l	98
10) Iodomethane	2.75	142	15007	1.759	ug/l	99
11) Allyl Chloride	2.95	41	24581	1.941	ug/l	94
12) Acrylonitrile	3.37	53	9139	4.069	ug/l	93
13) Acetone	2.68	43	16254	9.566	ug/l	99
14) Carbon Disulfide	2.82	76	61440	1.937	ug/l	99
15) Methylene Chloride	3.08	84	25921	2.149	ug/l	99
16) trans-1,2-Dichloroethene	3.39	96	20272	2.007	ug/l	98
17) 1,1-Dichloroethane	3.92	63	33183	2.016	ug/l	99
18) 2-Butanone	4.78	43	23502	9.745	ug/l	100
19) Cyclohexane	5.42	56	30723m	2.042	ug/l	
20) Methylcyclohexane	6.80	83	33572	1.998	ug/l	99
21) 2,2-Dichloropropane	4.71	77	29024	2.065	ug/l	100
22) cis-1,2-Dichloroethene	4.71	96	20652	1.970	ug/l	95
23) Diethyl Ether	2.41	59	14349	2.028	ug/l	97
24) tert-Butyl Alcohol	3.29	59	11267	17.821	ug/l #	92
25) Methyl tert-Butyl Ether	3.42	73	49267	2.053	ug/l	95
26) Bromochloromethane	5.02	128	9280	2.044	ug/l	97
27) Chloroform	5.13	83	32964	2.024	ug/l	98
28) 1,1,1-Trichloroethane	5.36	97	27741	2.032	ug/l	99
29) 1,1-Dichloropropene	5.56	75	26588	1.995	ug/l	99
30) Carbon Tetrachloride	5.56	117	23504	2.010	ug/l	96
31) Isopropyl Ether	4.06	45	50567	2.023	ug/l	99
32) Ethyl-t-butyl ether	4.57	59	52763	2.018	ug/l	98
33) Tert-Amyl methyl ether	5.99	73	48007	2.005	ug/l	99
34) Propionitrile	4.86	54	6876	9.891	ug/l #	95
35) Benzene	5.82	78	78423	2.032	ug/l	99
36) 1,2-Dichloroethane	5.84	62	21573	2.077	ug/l	99
37) Trichloroethene	6.58	130	21755	2.042	ug/l	100
38) 1,2-Dichloropropane	6.83	63	19982	2.060	ug/l	97
39) Methacrylonitrile	5.03	41	5685	1.946	ug/l	98
40) Methyl acrylate	4.91	55	10807	2.334	ug/l #	95
41) Tetrahydrofuran	5.13	42	6457	4.057	ug/l	96
42) 1-Chlorobutane	5.50	56	34317	1.988	ug/l	98

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jan 23 08:59:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.96	93	10432	2.060	ug/l		98
44) Bromodichloromethane	7.14	83	23881	1.994	ug/l		99
45) 4-Methyl-2-Pentanone	7.84	43	56455	9.895	ug/l		100
46) t-1,4-Dichloro-2-butene	10.86	75	8411m	3.347	ug/l		
47) Methyl methacrylate	7.01	69	19571	3.944	ug/l		99
48) Ethyl methacrylate	8.37	69	18958	1.978	ug/l		97
49) Toluene	8.00	92	48846	1.983	ug/l		100
50) t-1,3-Dichloropropene	8.24	75	23898	2.002	ug/l		98
51) cis-1,3-Dichloropropene	7.64	75	28974	2.003	ug/l		99
52) 1,1,2-Trichloroethane	8.43	97	14362	1.999	ug/l		98
53) 1,3-Dichloropropane	8.61	76	26053	2.115	ug/l		99
54) 2-Hexanone	8.73	43	38682	9.667	ug/l		100
55) Dibromochloromethane	8.84	129	16473	1.991	ug/l		95
56) 1,2-Dibromoethane	8.96	107	13795	1.994	ug/l		99
58) Tetrachloroethene	8.58	164	22343	2.098	ug/l		98
59) Chlorobenzene	9.47	112	55650	2.028	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.56	131	17655	2.015	ug/l		98
61) Pentachloroethane	11.45	117	10723	1.897	ug/l		96
62) Hexachloroethane	12.49	117	13740	1.907	ug/l		97
63) Ethyl Benzene	9.60	91	92730	2.016	ug/l		97
64) m/p-Xylenes	9.72	106	72990	4.010	ug/l		98
65) o-Xylene	10.12	106	35601	2.020	ug/l		99
66) Styrene	10.14	104	57668	1.954	ug/l		99
67) Bromoform	10.32	173	8997	1.900	ug/l		100
69) Isopropylbenzene	10.51	105	92999	2.008	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.81	83	18759	2.069	ug/l		95
71) 1,2,3-Trichloropropane	10.85	75	15120m	2.338	ug/l		
72) Bromobenzene	10.81	156	22312	2.000	ug/l		99
73) n-propylbenzene	10.93	120	26196	2.016	ug/l		93
74) 2-Chlorotoluene	11.01	126	22867	2.049	ug/l		99
75) 1,3,5-Trimethylbenzene	11.11	105	80559	2.029	ug/l		98
76) 4-Chlorotoluene	11.12	126	23257	2.017	ug/l		96
77) tert-Butylbenzene	11.44	119	75079	1.995	ug/l		98
78) 1,2,4-Trimethylbenzene	11.49	105	82361	2.011	ug/l		99
79) sec-Butylbenzene	11.66	105	104685	2.005	ug/l		100
80) Nitrobenzene	13.23	77	772	5.935	ug/l	#	70
81) p-Isopropyltoluene	11.81	119	87961	2.016	ug/l		99
82) 1,3-Dichlorobenzene	11.77	146	44842	2.009	ug/l		98
83) 1,4-Dichlorobenzene	11.86	146	44239	1.983	ug/l		100
84) n-Butylbenzene	12.23	91	78695	1.950	ug/l		100
85) 1,2-Dichlorobenzene	12.23	146	42701	1.999	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	2901	1.891	ug/l		88
87) 1,2,4-Trichlorobenzene	13.86	180	24826	1.817	ug/l		99
88) Hexachlorobutadiene	14.04	225	14709	1.964	ug/l		97
89) Naphthalene	14.11	128	39395	1.674	ug/l		100
90) 1,2,3-Trichlorobenzene	14.35	180	23993	1.867	ug/l		98

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

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