Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102919\
Data File : VU035545.D
Acq On : 29 Oct 2019 18:27
Operator : JC/SP
Sample : VN1029WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VN1029WBS01

Manual Integrations APPROVED

Quant Time: Oct 30 06:18:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 30 05:38:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.16	96	71018	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	24514	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery = 96.00%			
68) 1,2-Dichlorobenzene-d4	12.22	152	28448	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery = 105.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	52260	1.879	ug/l	96
3) Chloromethane	1.54	50	59643	1.750	ug/l	96
4) Vinyl Chloride	1.62	62	58431	1.935	ug/l	98
5) Bromomethane	1.88	94	28821	1.877	ug/l	96
6) Chloroethane	1.95	64	33223	1.914	ug/l	97
7) Trichlorofluoromethane	2.16	101	72205	1.935	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	40370	1.996	ug/l	98
9) 1,1-Dichloroethene	2.61	96	37251	1.909	ug/l	97
10) Iodomethane	2.75	142	15409	1.832	ug/l	99
11) Allyl Chloride	2.96	41	60941	1.858	ug/l	97
12) Acrylonitrile	3.38	53	19040m	3.886	ug/l	
13) Acetone	2.68	43	40972	8.616	ug/l	99
14) Carbon Disulfide	2.82	76	129734	1.880	ug/l	99
15) Methylene Chloride	3.08	84	49188	1.960	ug/l	97
16) trans-1,2-Dichloroethene	3.39	96	41436	1.931	ug/l	97
17) 1,1-Dichloroethane	3.92	63	78218	1.945	ug/l	98
18) 2-Butanone	4.79	43	52651	8.543	ug/l	97
19) Cyclohexane	5.43	56	54886m	1.723	ug/l	
20) Methylcyclohexane	6.80	83	55300	1.692	ug/l	94
21) 2,2-Dichloropropane	4.72	77	62678	1.806	ug/l	98
22) cis-1,2-Dichloroethene	4.72	96	43920	1.912	ug/l	99
23) Diethyl Ether	2.41	59	31148	1.935	ug/l	98
24) tert-Butyl Alcohol	3.28	59	35641	19.870	ug/l	95
25) Methyl tert-Butyl Ether	3.43	73	102328	1.955	ug/l	95
26) Bromochloromethane	5.03	128	20788	2.027	ug/l	97
27) Chloroform	5.14	83	81782	1.904	ug/l	97
28) 1,1,1-Trichloroethane	5.36	97	64875	1.906	ug/l	98
29) 1,1-Dichloropropene	5.57	75	51655	1.810	ug/l	99
30) Carbon Tetrachloride	5.57	117	58652	1.938	ug/l	99
31) Isopropyl Ether	4.07	45	102627	1.828	ug/l	94
32) Ethyl-t-butyl ether	4.57	59	90953	1.750	ug/l	96
33) Tert-Amyl methyl ether	6.01	73	80570	1.802	ug/l	99
34) Propionitrile	4.86	54	15723	8.808	ug/l #	92
35) Benzene	5.82	78	164983	1.894	ug/l	100
36) 1,2-Dichloroethane	5.85	62	48419	1.940	ug/l	99
37) Trichloroethene	6.58	130	44304	1.831	ug/l	97
38) 1,2-Dichloropropane	6.84	63	46258	1.937	ug/l	99
39) Methacrylonitrile	5.04	41	13306	1.985	ug/l	97
40) Methyl acrylate	4.92	55	18099	1.773	ug/l #	88
41) Tetrahydrofuran	5.15	42	12546	3.641	ug/l #	36
42) 1-Chlorobutane	5.50	56	70287	1.790	ug/l	98

MMDadoda
10/30/2019 10:39:19 AM

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VN1029WBS01

Manual Integrations APPROVED

Quant Time: Oct 30 06:18:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 30 05:38:55 2019
Response via : Initial Calibration

MMDadoda

10/30/2019 10:39:19 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.96	93	23637	1.981	ug/l		98
44) Bromodichloromethane	7.15	83	57224	1.925	ug/l		99
45) 4-Methyl-2-Pentanone	7.85	43	112184	8.818	ug/l		97
46) t-1,4-Dichloro-2-butene	10.87	75	15779m	3.413	ug/l		
47) Methyl methacrylate	7.02	69	35085	3.551	ug/l		96
48) Ethyl methacrylate	8.38	69	30334	1.757	ug/l		94
49) Toluene	8.01	92	90615	1.809	ug/l		99
50) t-1,3-Dichloropropene	8.25	75	49271	1.872	ug/l		100
51) cis-1,3-Dichloropropene	7.65	75	59536	1.906	ug/l		98
52) 1,1,2-Trichloroethane	8.44	97	32905	1.968	ug/l		100
53) 1,3-Dichloropropane	8.61	76	53787	1.898	ug/l		98
54) 2-Hexanone	8.74	43	75702	8.374	ug/l		92
55) Dibromochloromethane	8.84	129	40790	1.998	ug/l		97
56) 1,2-Dibromoethane	8.96	107	29445	1.925	ug/l		97
58) Tetrachloroethene	8.58	164	42675	1.924	ug/l		96
59) Chlorobenzene	9.48	112	107268	1.857	ug/l		95
60) 1,1,1,2-Tetrachloroethane	9.57	131	42536	1.916	ug/l		100
61) Pentachloroethane	11.46	117	35036	1.936	ug/l		95
62) Hexachloroethane	12.50	117	31309	1.894	ug/l		99
63) Ethyl Benzene	9.60	91	156858	1.749	ug/l		98
64) m/p-Xylenes	9.73	106	122779	3.467	ug/l	#	2
65) o-Xylene	10.13	106	60227	1.760	ug/l		100
66) Styrene	10.14	104	99413	1.755	ug/l		98
67) Bromoform	10.32	173	23629	1.866	ug/l		98
69) Isopropylbenzene	10.51	105	155742	1.746	ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.81	83	42770	1.919	ug/l	#	62
71) 1,2,3-Trichloropropane	10.86	75	32313m	1.930	ug/l		
72) Bromobenzene	10.81	156	46440	1.868	ug/l		97
73) n-propylbenzene	10.93	120	41520	1.666	ug/l		91
74) 2-Chlorotoluene	11.02	126	42921	1.837	ug/l		99
75) 1,3,5-Trimethylbenzene	11.11	105	128833	1.752	ug/l		100
76) 4-Chlorotoluene	11.13	126	45162	1.903	ug/l		97
77) tert-Butylbenzene	11.45	119	133760	1.774	ug/l		100
78) 1,2,4-Trimethylbenzene	11.49	105	129837	1.745	ug/l		99
79) sec-Butylbenzene	11.67	105	171649	1.780	ug/l		99
80) Nitrobenzene	13.24	77	2368	3.170	ug/l	#	97
81) p-Isopropyltoluene	11.82	119	132443	1.716	ug/l	#	68
82) 1,3-Dichlorobenzene	11.77	146	90331	1.908	ug/l		98
83) 1,4-Dichlorobenzene	11.86	146	85913	1.892	ug/l		98
84) n-Butylbenzene	12.23	91	110138	1.739	ug/l		98
85) 1,2-Dichlorobenzene	12.24	146	84820	1.902	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	5443	1.917	ug/l		96
87) 1,2,4-Trichlorobenzene	13.87	180	26468	1.806	ug/l		97
88) Hexachlorobutadiene	14.04	225	32821	1.976	ug/l		98
89) Naphthalene	14.11	128	27997	1.626	ug/l		99
90) 1,2,3-Trichlorobenzene	14.36	180	27358	1.774	ug/l		97

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

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