Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072518\
Data File : VU025629.D
Acq On : 25 Jul 2018 11:02
Operator : MD/SY
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 25 12:05:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 25 11:50:38 2018
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTDICC005

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.75	96	37562	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	14368	1.17	ug/l		0.00
Spiked Amount 1.000			Recovery = 117.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	15327	1.29	ug/l		0.00
Spiked Amount 1.000			Recovery = 129.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	67830	5.562	ug/l		99
3) Chloromethane	1.33	50	62293	4.408	ug/l		98
4) Vinyl Chloride	1.41	62	58741	4.333	ug/l		97
5) Bromomethane	1.63	94	26843	3.704	ug/l		97
6) Chloroethane	1.70	64	35420	4.694	ug/l		98
7) Trichlorofluoromethane	1.89	101	86078	5.532	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	47268	4.944	ug/l		98
9) 1,1-Dichloroethene	2.29	96	41465	4.672	ug/l		93
10) Iodomethane	2.41	142	31997	3.032	ug/l		94
11) Allyl Chloride	2.59	41	68849	4.220	ug/l		84
12) Acrylonitrile	2.94	53	17511	9.560	ug/l		95
13) Acetone	2.32	43	36810	23.679	ug/l		95
14) Carbon Disulfide	2.48	76	138912	4.757	ug/l		99
15) Methylene Chloride	2.70	84	46606	4.610	ug/l		94
16) trans-1,2-Dichloroethene	2.98	96	46403	4.880	ug/l		95
17) 1,1-Dichloroethane	3.45	63	95379	5.092	ug/l		98
18) 2-Butanone	4.28	43	70084	27.900	ug/l		98
19) Cyclohexane	4.99	56	73143	4.520	ug/l		87
20) Methylcyclohexane	6.42	83	88949	5.387	ug/l		94
21) 2,2-Dichloropropane	4.23	77	86895	5.850	ug/l		99
22) cis-1,2-Dichloroethene	4.23	96	58133	5.649	ug/l		94
23) Diethyl Ether	2.10	59	30578	4.214	ug/l		97
24) tert-Butyl Alcohol	2.84	59	35169	64.276	ug/l	#	79
25) Methyl tert-Butyl Ether	3.01	73	110426	4.951	ug/l		97
26) Bromochloromethane	4.55	128	25165	6.189	ug/l		85
27) Chloroform	4.68	83	100774	5.713	ug/l		99
28) 1,1,1-Trichloroethane	4.92	97	89984	6.219	ug/l		99
29) 1,1-Dichloropropene	5.14	75	76371	5.379	ug/l		97
30) Carbon Tetrachloride	5.14	117	84617	6.950	ug/l		98
31) Isopropyl Ether	3.58	45	148285	4.690	ug/l		93
32) Ethyl-t-butyl ether	4.08	59	138627	5.131	ug/l		93
33) Tert-Amyl methyl ether	5.59	73	125625	5.494	ug/l		97
34) Propionitrile	4.34	54	19159	26.787	ug/l	#	91
35) Benzene	5.39	78	209644	4.968	ug/l		99
36) 1,2-Dichloroethane	5.41	62	65355	5.476	ug/l		99
37) Trichloroethene	6.19	130	61575	5.436	ug/l		96
38) 1,2-Dichloropropane	6.44	63	55352	4.783	ug/l		99
39) Methacrylonitrile	4.56	41	17607	4.814	ug/l		92
40) Methyl acrylate	4.44	55	25769	5.080	ug/l	#	96
41) Tetrahydrofuran	4.66	42	19520	10.359	ug/l		96
42) 1-Chlorobutane	5.07	56	102443	4.978	ug/l		99

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 25 12:05:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTDICC005

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	28850	5.796	ug/l		97
44) Bromodichloromethane	6.76	83	72347	5.784	ug/l		99
45) 4-Methyl-2-Pentanone	7.47	43	161969	27.530	ug/l		97
46) t-1,4-Dichloro-2-butene	10.52	75	19627m	11.283	ug/l		
47) Methyl methacrylate	6.63	69	47752	10.587	ug/l		95
48) Ethyl methacrylate	8.02	69	49287	6.250	ug/l		97
49) Toluene	7.64	92	130722	5.363	ug/l		97
50) t-1,3-Dichloropropene	7.89	75	66814	6.258	ug/l		100
51) cis-1,3-Dichloropropene	7.27	75	78697	5.663	ug/l		97
52) 1,1,2-Trichloroethane	8.07	97	37320	5.269	ug/l		98
53) 1,3-Dichloropropane	8.25	76	66047	5.245	ug/l		100
54) 2-Hexanone	8.37	43	114061	28.460	ug/l		99
55) Dibromochloromethane	8.48	129	49372	6.362	ug/l		98
56) 1,2-Dibromoethane	8.59	107	38205	6.260	ug/l		96
58) Tetrachloroethene	8.23	164	57006	5.519	ug/l		98
59) Chlorobenzene	9.12	112	148793	5.703	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	55036	6.210	ug/l		98
61) Pentachloroethane	11.10	117	41818	6.648	ug/l		96
62) Hexachloroethane	12.15	117	44005	7.289	ug/l		96
63) Ethyl Benzene	9.25	91	254565	5.870	ug/l		100
64) m/p-Xylenes	9.38	106	199971	11.956	ug/l		99
65) o-Xylene	9.78	106	94421	5.862	ug/l		100
66) Styrene	9.80	104	162755	6.128	ug/l		99
67) Bromoform	9.96	173	29149	7.191	ug/l	#	99
69) Isopropylbenzene	10.17	105	256145	6.174	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	48323	6.053	ug/l		99
71) 1,2,3-Trichloropropane	10.50	75	37257m	6.521	ug/l		
72) Bromobenzene	10.45	156	65001	6.293	ug/l		97
73) n-propylbenzene	10.59	120	74143	6.465	ug/l		92
74) 2-Chlorotoluene	10.66	126	63189	6.231	ug/l		90
75) 1,3,5-Trimethylbenzene	10.78	105	226336	6.475	ug/l		99
76) 4-Chlorotoluene	10.78	126	65504	6.235	ug/l		99
77) tert-Butylbenzene	11.10	119	220841	6.744	ug/l		99
78) 1,2,4-Trimethylbenzene	11.15	105	235597	6.676	ug/l		99
79) sec-Butylbenzene	11.33	105	293363	6.398	ug/l		97
80) Nitrobenzene	12.87	77	7199	25.963	ug/l	#	96
81) p-Isopropyltoluene	11.48	119	249531	6.622	ug/l		98
82) 1,3-Dichlorobenzene	11.42	146	135534	6.575	ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	136212	6.616	ug/l		99
84) n-Butylbenzene	11.89	91	236974	6.442	ug/l		98
85) 1,2-Dichlorobenzene	11.88	146	122789	6.597	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	8394	7.451	ug/l		93
87) 1,2,4-Trichlorobenzene	13.51	180	87402	6.492	ug/l		100
88) Hexachlorobutadiene	13.70	225	52555	6.439	ug/l		98
89) Naphthalene	13.75	128	142250	7.017	ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	80335	6.357	ug/l		99

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

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