Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072518\
Data File : VU025634.D
Acq On : 25 Jul 2018 13:54
Operator : MD/SY
Sample : VU0725WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0725WBS01

Manual Integrations APPROVED
apatel
7/26/2018 4:27:18 PM

Quant Time: Jul 26 03:36:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 25 12:16:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.75	96	36554	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	13552	1.00	ug/l		0.00
Spiked Amount 1.000			Recovery = 100.00%				
68) 1,2-Dichlorobenzene-d4	11.87	152	15384	1.02	ug/l		0.00
Spiked Amount 1.000			Recovery = 102.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	25616	1.965	ug/l		99
3) Chloromethane	1.33	50	24441	1.983	ug/l		98
4) Vinyl Chloride	1.41	62	21874	1.918	ug/l		98
5) Bromomethane	1.63	94	10181	1.833	ug/l		99
6) Chloroethane	1.70	64	13354	1.951	ug/l		98
7) Trichlorofluoromethane	1.89	101	32208	1.936	ug/l		95
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	17926	1.963	ug/l		99
9) 1,1-Dichloroethene	2.29	96	15969	1.982	ug/l		91
10) Iodomethane	2.41	142	8505	1.830	ug/l		90
11) Allyl Chloride	2.60	41	26347	1.956	ug/l	#	80
12) Acrylonitrile	2.94	53	7218	4.063	ug/l		96
13) Acetone	2.32	43	15831	10.246	ug/l		95
14) Carbon Disulfide	2.48	76	52888	1.919	ug/l		98
15) Methylene Chloride	2.70	84	18462	1.922	ug/l		95
16) trans-1,2-Dichloroethene	2.98	96	17895	1.980	ug/l		94
17) 1,1-Dichloroethane	3.45	63	33885	1.891	ug/l		97
18) 2-Butanone	4.28	43	25406	9.476	ug/l		94
19) Cyclohexane	4.99	56	26668	1.930	ug/l		86
20) Methylcyclohexane	6.42	83	32683	1.928	ug/l		93
21) 2,2-Dichloropropane	4.23	77	35180	2.059	ug/l		97
22) cis-1,2-Dichloroethene	4.23	96	22924	2.015	ug/l		91
23) Diethyl Ether	2.11	59	11957	1.959	ug/l		99
24) tert-Butyl Alcohol	2.84	59	14287	19.926	ug/l	#	80
25) Methyl tert-Butyl Ether	3.01	73	41646	1.911	ug/l		95
26) Bromochloromethane	4.55	128	9778	1.952	ug/l		81
27) Chloroform	4.68	83	37163	1.887	ug/l		99
28) 1,1,1-Trichloroethane	4.92	97	33309	1.875	ug/l		98
29) 1,1-Dichloropropene	5.14	75	28765	1.975	ug/l		99
30) Carbon Tetrachloride	5.13	117	30375	1.883	ug/l		94
31) Isopropyl Ether	3.58	45	55575	1.936	ug/l		95
32) Ethyl-t-butyl ether	4.08	59	51600	1.891	ug/l		95
33) Tert-Amyl methyl ether	5.59	73	45105	1.872	ug/l		98
34) Propionitrile	4.34	54	7200	9.665	ug/l	#	85
35) Benzene	5.39	78	77981	1.915	ug/l		99
36) 1,2-Dichloroethane	5.41	62	24923	1.993	ug/l		97
37) Trichloroethene	6.19	130	22186	1.849	ug/l		100
38) 1,2-Dichloropropane	6.44	63	19653	1.860	ug/l		98
39) Methacrylonitrile	4.56	41	6695	1.952	ug/l		93
40) Methyl acrylate	4.43	55	10532	2.036	ug/l		98
41) Tetrahydrofuran	4.65	42	7130	3.518	ug/l		96
42) 1-Chlorobutane	5.07	56	37656	1.896	ug/l		96

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ClientSampleId : VU0725WBS01

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Quant Time: Jul 26 03:36:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 25 12:16:36 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	10234	1.855	ug/l		99
44) Bromodichloromethane	6.76	83	26034	1.862	ug/l		93
45) 4-Methyl-2-Pentanone	7.47	43	59109	9.608	ug/l		98
46) t-1,4-Dichloro-2-butene	10.52	75	7167m	4.033	ug/l		
47) Methyl methacrylate	6.63	69	17392	3.770	ug/l	#	92
48) Ethyl methacrylate	8.02	69	16801	1.813	ug/l		97
49) Toluene	7.64	92	47764	1.919	ug/l		97
50) t-1,3-Dichloropropene	7.89	75	24192	1.917	ug/l		100
51) cis-1,3-Dichloropropene	7.27	75	28540	1.888	ug/l		94
52) 1,1,2-Trichloroethane	8.07	97	13859	1.874	ug/l		98
53) 1,3-Dichloropropane	8.25	76	24611	1.971	ug/l		98
54) 2-Hexanone	8.37	43	40728	9.374	ug/l		99
55) Dibromochloromethane	8.48	129	17538	1.865	ug/l		100
56) 1,2-Dibromoethane	8.59	107	14457	2.020	ug/l		97
58) Tetrachloroethene	8.23	164	21298	1.975	ug/l		96
59) Chlorobenzene	9.12	112	55488	1.939	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.21	131	20330	1.913	ug/l		98
61) Pentachloroethane	11.10	117	15607	1.924	ug/l		100
62) Hexachloroethane	12.15	117	15305	1.848	ug/l		95
63) Ethyl Benzene	9.25	91	91674	1.926	ug/l		99
64) m/p-Xylenes	9.38	106	71146	3.802	ug/l		100
65) o-Xylene	9.78	106	34101	1.912	ug/l		99
66) Styrene	9.80	104	57107	1.886	ug/l		98
67) Bromoform	9.96	173	9771	1.761	ug/l	#	96
69) Isopropylbenzene	10.17	105	91767	1.905	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	17273	1.859	ug/l		99
71) 1,2,3-Trichloropropane	10.50	75	11352	1.567	ug/l	#	94
72) Bromobenzene	10.46	156	23518	1.880	ug/l		98
73) n-propylbenzene	10.59	120	25921	1.909	ug/l		97
74) 2-Chlorotoluene	10.66	126	22942	1.919	ug/l		91
75) 1,3,5-Trimethylbenzene	10.78	105	80782	1.920	ug/l		99
76) 4-Chlorotoluene	10.78	126	23761	1.891	ug/l		96
77) tert-Butylbenzene	11.10	119	76889	1.854	ug/l		99
78) 1,2,4-Trimethylbenzene	11.15	105	81705	1.903	ug/l		100
79) sec-Butylbenzene	11.33	105	104598	1.919	ug/l		100
80) Nitrobenzene	12.87	77	2937	10.383	ug/l	#	82
81) p-Isopropyltoluene	11.48	119	86560	1.873	ug/l		98
82) 1,3-Dichlorobenzene	11.42	146	49978	1.942	ug/l		100
83) 1,4-Dichlorobenzene	11.51	146	48658	1.939	ug/l		96
84) n-Butylbenzene	11.90	91	84166	1.941	ug/l		97
85) 1,2-Dichlorobenzene	11.88	146	46618	1.984	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2991	1.951	ug/l		98
87) 1,2,4-Trichlorobenzene	13.51	180	36013	2.201	ug/l		96
88) Hexachlorobutadiene	13.70	225	20184	2.008	ug/l		97
89) Naphthalene	13.75	128	47844	1.802	ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	29002	1.940	ug/l		99

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

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