Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082018\
Data File : VU026207.D
Acq On : 20 Aug 2018 14:40
Operator : MD/SY
Sample : VU0820WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0820WBS01

Manual Integrations APPROVED
MMDadoda
8/21/2018 11:34:28 AM

Quant Time: Aug 21 08:27:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U082018DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Aug 20 13:35:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	41871	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	14901	0.99	ug/l		0.00
Spiked Amount 1.000			Recovery = 99.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	16280	0.93	ug/l		0.00
Spiked Amount 1.000			Recovery = 93.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	34429	2.11	ug/l		99
3) Chloromethane	1.33	50	30204	2.17	ug/l		100
4) Vinyl Chloride	1.40	62	30435	2.19	ug/l		99
5) Bromomethane	1.63	94	17838	2.33	ug/l		97
6) Chloroethane	1.70	64	17904	2.15	ug/l		96
7) Trichlorofluoromethane	1.89	101	44059	2.15	ug/l		96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	24394	2.14	ug/l		97
9) 1,1-Dichloroethene	2.29	96	20941	2.15	ug/l		91
10) Iodomethane	2.41	142	31160	2.23	ug/l		90
11) Allyl Chloride	2.59	41	37472	2.29	ug/l		89
12) Acrylonitrile	2.94	53	9584	4.35	ug/l		99
13) Acetone	2.32	43	19998	10.12	ug/l		93
14) Carbon Disulfide	2.48	76	72770	2.17	ug/l		97
15) Methylene Chloride	2.70	84	26800	2.29	ug/l		98
16) trans-1,2-Dichloroethene	2.98	96	23768	2.11	ug/l		94
17) 1,1-Dichloroethane	3.45	63	45381	2.20	ug/l		97
18) 2-Butanone	4.28	43	35565	11.27	ug/l		97
19) Cyclohexane	5.00	56	32670	2.16	ug/l		89
20) Methylcyclohexane	6.42	83	38657	2.18	ug/l		98
21) 2,2-Dichloropropane	4.23	77	46604	2.20	ug/l		99
22) cis-1,2-Dichloroethene	4.23	96	28986	2.12	ug/l		95
23) Diethyl Ether	2.11	59	15566	2.09	ug/l		93
24) tert-Butyl Alcohol	2.83	59	17287	22.69	ug/l	#	77
25) Methyl tert-Butyl Ether	3.00	73	53687	2.12	ug/l	#	91
26) Bromochloromethane	4.55	128	12466	2.04	ug/l		87
27) Chloroform	4.68	83	50867	2.14	ug/l		99
28) 1,1,1-Trichloroethane	4.91	97	46994	2.22	ug/l		97
29) 1,1-Dichloropropene	5.14	75	36192	2.17	ug/l		96
30) Carbon Tetrachloride	5.14	117	43744	2.19	ug/l		94
31) Isopropyl Ether	3.58	45	73825	2.18	ug/l		92
32) Ethyl-t-butyl ether	4.08	59	65443	2.20	ug/l		95
33) Tert-Amyl methyl ether	5.59	73	53678	2.12	ug/l		97
34) Propionitrile	4.34	54	9776	10.88	ug/l	#	89
35) Benzene	5.39	78	103585	2.15	ug/l		100
36) 1,2-Dichloroethane	5.41	62	32560	2.18	ug/l		95
37) Trichloroethene	6.19	130	29735	2.19	ug/l		94
38) 1,2-Dichloropropane	6.44	63	27821	2.23	ug/l		96
39) Methacrylonitrile	4.55	41	8442	2.23	ug/l		91
40) Methyl acrylate	4.43	55	13112	2.28	ug/l	#	90
41) Tetrahydrofuran	4.66	42	8639	4.09	ug/l		94
42) 1-Chlorobutane	5.07	56	50414	2.23	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	13694	2.06	ug/l	97
44) Bromodichloromethane	6.76	83	36576	2.13	ug/l	98
45) 4-Methyl-2-Pentanone	7.47	43	72094	10.71	ug/l	98
46) t-1,4-Dichloro-2-butene	10.52	75	13189m	4.28	ug/l	
47) Methyl methacrylate	6.63	69	21954	4.33	ug/l	96
48) Ethyl methacrylate	8.02	69	20439	2.20	ug/l	99
49) Toluene	7.64	92	60691	2.20	ug/l	96
50) t-1,3-Dichloropropene	7.88	75	31887	2.18	ug/l	95
51) cis-1,3-Dichloropropene	7.27	75	37616	2.22	ug/l	95
52) 1,1,2-Trichloroethane	8.07	97	20034	2.22	ug/l	92
53) 1,3-Dichloropropane	8.25	76	32171	2.15	ug/l	100
54) 2-Hexanone	8.37	43	49535	10.34	ug/l	99
55) Dibromochloromethane	8.48	129	26437	2.20	ug/l	96
56) 1,2-Dibromoethane	8.59	107	18508	2.11	ug/l	100
58) Tetrachloroethene	8.23	164	26980	2.10	ug/l	98
59) Chlorobenzene	9.12	112	69628	2.18	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	27707	2.18	ug/l	98
61) Pentachloroethane	11.10	117	22580	2.08	ug/l	96
62) Hexachloroethane	12.15	117	22897	2.11	ug/l	100
63) Ethyl Benzene	9.25	91	107147	2.12	ug/l	96
64) m/p-Xylenes	9.38	106	89926	4.45	ug/l	96
65) o-Xylene	9.78	106	42765	2.22	ug/l	96
66) Styrene	9.80	104	72942	2.21	ug/l	99
67) Bromoform	9.96	173	15155	2.14	ug/l	97
69) Isopropylbenzene	10.17	105	109062	2.14	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.46	83	23556	2.09	ug/l	98
71) 1,2,3-Trichloropropane	10.50	75	17449m	2.16	ug/l	
72) Bromobenzene	10.45	156	30914	2.17	ug/l	97
73) n-propylbenzene	10.59	120	31760	2.13	ug/l	99
74) 2-Chlorotoluene	10.66	126	29991	2.23	ug/l	89
75) 1,3,5-Trimethylbenzene	10.77	105	100201	2.21	ug/l	100
76) 4-Chlorotoluene	10.78	126	31629	2.29	ug/l	93
77) tert-Butylbenzene	11.10	119	97528	2.16	ug/l	98
78) 1,2,4-Trimethylbenzene	11.15	105	106534	2.27	ug/l	98
79) sec-Butylbenzene	11.33	105	132076	2.24	ug/l	99
80) Nitrobenzene	12.87	77	5331	10.80	ug/l	98
81) p-Isopropyltoluene	11.48	119	109658	2.19	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	65504	2.18	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	65599	2.19	ug/l	98
84) n-Butylbenzene	11.89	91	104150	2.15	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	57894	2.10	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4117	2.07	ug/l	95
87) 1,2,4-Trichlorobenzene	13.51	180	41123	2.12	ug/l	100
88) Hexachlorobutadiene	13.69	225	25693	2.17	ug/l	98
89) Naphthalene	13.74	128	59877	1.96	ug/l	98
90) 1,2,3-Trichlorobenzene	13.99	180	38457	2.11	ug/l	99

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

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