Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020619\
Data File : VU029361.D
Acq On : 06 Feb 2019 14:41
Operator : JC/SP
Sample : VU0206WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0206WBSD01

Manual Integrations APPROVED
sam
2/8/2019 2:27:39 PM

Quant Time: Feb 08 12:34:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	50944	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	20111	1.01	ug/l		0.00
Spiked Amount 1.000			Recovery = 101.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	21295	1.04	ug/l		0.00
Spiked Amount 1.000			Recovery = 104.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	36923	1.942	ug/l		100
3) Chloromethane	1.33	50	32232	1.855	ug/l		98
4) Vinyl Chloride	1.40	62	38973	1.914	ug/l		100
5) Bromomethane	1.63	94	26631	2.351	ug/l		97
6) Chloroethane	1.70	64	23797	2.000	ug/l		96
7) Trichlorofluoromethane	1.88	101	60193	2.116	ug/l		96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	32734	2.180	ug/l		90
9) 1,1-Dichloroethene	2.28	96	30653	2.086	ug/l		72
10) Iodomethane	2.41	142	33808	1.791	ug/l	#	77
11) Allyl Chloride	2.59	41	46944	1.905	ug/l		92
12) Acrylonitrile	2.94	53	12438	3.776	ug/l		96
13) Acetone	2.32	43	31449	9.907	ug/l	#	83
14) Carbon Disulfide	2.48	76	104032	2.005	ug/l		100
15) Methylene Chloride	2.70	84	33963	1.906	ug/l	#	80
16) trans-1,2-Dichloroethene	2.98	96	34387	2.092	ug/l	#	74
17) 1,1-Dichloroethane	3.44	63	60647	2.329	ug/l		97
18) 2-Butanone	4.28	43	32048	9.033	ug/l		98
19) Cyclohexane	4.99	56	46002m	1.905	ug/l		
20) Methylcyclohexane	6.41	83	51066	2.014	ug/l	#	84
21) 2,2-Dichloropropane	4.22	77	50378	2.090	ug/l	#	90
22) cis-1,2-Dichloroethene	4.22	96	32579	2.104	ug/l		76
23) Diethyl Ether	2.10	59	22619	1.917	ug/l		87
24) tert-Butyl Alcohol	2.83	59	25079	20.449	ug/l		99
25) Methyl tert-Butyl Ether	3.00	73	81766	1.976	ug/l	#	87
26) Bromochloromethane	4.55	128	14641	2.141	ug/l		69
27) Chloroform	4.67	83	50496	1.994	ug/l		97
28) 1,1,1-Trichloroethane	4.91	97	47869	2.039	ug/l		95
29) 1,1-Dichloropropene	5.13	75	40809	2.002	ug/l		91
30) Carbon Tetrachloride	5.13	117	44813	2.109	ug/l		96
31) Isopropyl Ether	3.57	45	74459	1.895	ug/l		88
32) Ethyl-t-butyl ether	4.07	59	76675	1.947	ug/l		90
33) Tert-Amyl methyl ether	5.58	73	72936	2.048	ug/l		98
34) Propionitrile	4.33	54	8087	8.671	ug/l	#	89
35) Benzene	5.39	78	113733	2.018	ug/l		99
36) 1,2-Dichloroethane	5.41	62	33310	1.954	ug/l	#	84
37) Trichloroethene	6.18	130	34306	2.121	ug/l		81
38) 1,2-Dichloropropane	6.43	63	28459	1.941	ug/l		100
39) Methacrylonitrile	4.55	41	8067	1.689	ug/l	#	82
40) Methyl acrylate	4.43	55	12482	1.731	ug/l	#	84
41) Tetrahydrofuran	4.65	42	9772	4.062	ug/l	#	83
42) 1-Chlorobutane	5.06	56	50849	1.862	ug/l		89

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	15245	1.951 ug/l #	87
44) Bromodichloromethane	6.76	83	40106	2.015 ug/l	93
45) 4-Methyl-2-Pentanone	7.46	43	85515	9.338 ug/l #	89
46) t-1,4-Dichloro-2-butene	10.51	75	15419m	3.456 ug/l	
47) Methyl methacrylate	6.63	69	27449	3.993 ug/l #	76
48) Ethyl methacrylate	8.02	69	28642	1.942 ug/l	80
49) Toluene	7.63	92	72329	2.006 ug/l	98
50) t-1,3-Dichloropropene	7.88	75	37144	1.904 ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	45506	1.963 ug/l #	85
52) 1,1,2-Trichloroethane	8.07	97	21428	2.072 ug/l	99
53) 1,3-Dichloropropane	8.24	76	35223	1.939 ug/l	99
54) 2-Hexanone	8.37	43	60888	9.485 ug/l	87
55) Dibromochloromethane	8.48	129	30445	2.071 ug/l	99
56) 1,2-Dibromoethane	8.59	107	21565	2.032 ug/l	99
58) Tetrachloroethene	8.22	164	32244	2.143 ug/l	93
59) Chlorobenzene	9.12	112	86409	2.127 ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.21	131	32382	2.157 ug/l	98
61) Pentachloroethane	11.10	117	23842	2.049 ug/l	88
62) Hexachloroethane	12.14	117	26244	2.067 ug/l	99
63) Ethyl Benzene	9.25	91	142600	2.021 ug/l	97
64) m/p-Xylenes	9.37	106	111919	4.082 ug/l	87
65) o-Xylene	9.78	106	54219	2.015 ug/l	91
66) Styrene	9.79	104	92397	2.060 ug/l	93
67) Bromoform	9.96	173	18983	2.076 ug/l	98
69) Isopropylbenzene	10.16	105	148423	2.064 ug/l	95
70) 1,1,2,2-Tetrachloroethane	10.46	83	26477	1.997 ug/l	97
71) 1,2,3-Trichloropropane	10.49	75	20348m	2.235 ug/l	
72) Bromobenzene	10.45	156	37643	2.160 ug/l	83
73) n-propylbenzene	10.58	120	42317	2.113 ug/l	77
74) 2-Chlorotoluene	10.66	126	36252	2.126 ug/l	77
75) 1,3,5-Trimethylbenzene	10.77	105	123364	1.990 ug/l	94
76) 4-Chlorotoluene	10.77	126	37581	2.123 ug/l	71
77) tert-Butylbenzene	11.10	119	128057	2.090 ug/l	91
78) 1,2,4-Trimethylbenzene	11.15	105	126954	2.023 ug/l	94
79) sec-Butylbenzene	11.32	105	162843	2.031 ug/l	94
80) Nitrobenzene	12.87	77	3779	6.398 ug/l	93
81) p-Isopropyltoluene	11.47	119	138628	2.040 ug/l	94
82) 1,3-Dichlorobenzene	11.41	146	72569	2.122 ug/l	97
83) 1,4-Dichlorobenzene	11.51	146	72168	2.119 ug/l	96
84) n-Butylbenzene	11.89	91	124401	1.995 ug/l	95
85) 1,2-Dichlorobenzene	11.88	146	67609	2.091 ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4685	1.894 ug/l #	64
87) 1,2,4-Trichlorobenzene	13.50	180	50753	2.235 ug/l	98
88) Hexachlorobutadiene	13.69	225	31920	2.427 ug/l	99
89) Naphthalene	13.74	128	81729	2.122 ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	46510	2.241 ug/l	97

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

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