Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
Data File : VU030009.D
Acq On : 12 Mar 2019 16:19
Operator : JC/SP
Sample : K1560-08 LOQ 1ppb
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2019

Manual Integrations APPROVED
MMDadoda
3/13/2019 12:56:20 PM

Quant Time: Mar 13 12:28:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:21:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	58374	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	19551	0.92	ug/l	0.00
Spiked Amount 1.000			Recovery = 92.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	23781	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery = 99.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	22212	1.038	ug/l	98
3) Chloromethane	1.33	50	24890	1.025	ug/l	99
4) Vinyl Chloride	1.40	62	20905	1.004	ug/l	96
5) Bromomethane	1.63	94	13835	1.163	ug/l	97
6) Chloroethane	1.70	64	13356	1.111	ug/l	97
7) Trichlorofluoromethane	1.89	101	28222	1.045	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	15287	1.041	ug/l	96
9) 1,1-Dichloroethene	2.28	96	15176	1.042	ug/l	97
10) Iodomethane	2.41	142	13025	1.032	ug/l	98
11) Allyl Chloride	2.59	41	22669	1.101	ug/l	100
12) Acrylonitrile	2.94	53	6544	2.074	ug/l	95
13) Acetone	2.32	43	13685	4.983	ug/l	93
14) Carbon Disulfide	2.48	76	50344	0.992	ug/l	100
15) Methylene Chloride	2.70	84	19864	1.145	ug/l	97
16) trans-1,2-Dichloroethene	2.98	96	18120	1.077	ug/l	95
17) 1,1-Dichloroethane	3.44	63	29923	1.052	ug/l	99
18) 2-Butanone	4.28	43	17511	4.606	ug/l	98
19) Cyclohexane	4.99	56	24269m	0.996	ug/l	
20) Methylcyclohexane	6.41	83	26806	0.997	ug/l	98
21) 2,2-Dichloropropane	4.22	77	24614	1.029	ug/l	95
22) cis-1,2-Dichloroethene	4.22	96	18787	1.005	ug/l	97
23) Diethyl Ether	2.10	59	11339	1.042	ug/l	94
24) tert-Butyl Alcohol	2.83	59	12173	10.452	ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	37895	1.030	ug/l	94
26) Bromochloromethane	4.55	128	8651	1.058	ug/l	97
27) Chloroform	4.67	83	30619	1.023	ug/l	96
28) 1,1,1-Trichloroethane	4.91	97	25631	1.041	ug/l	98
29) 1,1-Dichloropropene	5.13	75	22130	0.988	ug/l	98
30) Carbon Tetrachloride	5.13	117	21275	0.967	ug/l	94
31) Isopropyl Ether	3.58	45	41118	1.028	ug/l	97
32) Ethyl-t-butyl ether	4.07	59	37747	0.979	ug/l	97
33) Tert-Amyl methyl ether	5.58	73	35126	0.995	ug/l	99
34) Propionitrile	4.34	54	5231	4.936	ug/l #	86
35) Benzene	5.39	78	66794	1.019	ug/l	98
36) 1,2-Dichloroethane	5.40	62	17820	1.017	ug/l	100
37) Trichloroethene	6.18	130	19616	1.039	ug/l	91
38) 1,2-Dichloropropane	6.43	63	16845	1.011	ug/l	96
39) Methacrylonitrile	4.55	41	4020	0.870	ug/l #	94
40) Methyl acrylate	4.43	55	7169	0.982	ug/l #	86
41) Tetrahydrofuran	4.66	42	4481	1.753	ug/l	94
42) 1-Chlorobutane	5.06	56	29009	0.988	ug/l	99

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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LOQ-WATER-02-QT1-2019

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Quant Time: Mar 13 12:28:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:21:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.56	93	8750	1.015 ug/l		98
44) Bromodichloromethane	6.76	83	20367	0.990 ug/l		99
45) 4-Methyl-2-Pentanone	7.46	43	41819	4.909 ug/l		98
46) t-1,4-Dichloro-2-butene	10.52	75	5768m	2.570 ug/l		
47) Methyl methacrylate	6.63	69	13821	1.913 ug/l		94
48) Ethyl methacrylate	8.02	69	13861	1.017 ug/l		96
49) Toluene	7.63	92	38332	0.970 ug/l		100
50) t-1,3-Dichloropropene	7.88	75	17379	0.943 ug/l		97
51) cis-1,3-Dichloropropene	7.27	75	21965	0.949 ug/l	#	90
52) 1,1,2-Trichloroethane	8.06	97	12232	1.003 ug/l		97
53) 1,3-Dichloropropane	8.24	76	20474	1.004 ug/l		100
54) 2-Hexanone	8.37	43	29605	4.823 ug/l		95
55) Dibromochloromethane	8.47	129	14318	0.976 ug/l		95
56) 1,2-Dibromoethane	8.59	107	11398	0.972 ug/l		96
58) Tetrachloroethene	8.22	164	18326	1.069 ug/l		97
59) Chlorobenzene	9.12	112	44718	0.991 ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.20	131	16196	1.016 ug/l		99
61) Pentachloroethane	11.10	117	11822	0.961 ug/l		99
62) Hexachloroethane	12.14	117	11878	0.958 ug/l		99
63) Ethyl Benzene	9.25	91	70597	0.952 ug/l		100
64) m/p-Xylenes	9.37	106	55894	1.916 ug/l		96
65) o-Xylene	9.78	106	27798	0.972 ug/l		99
66) Styrene	9.79	104	43682	0.932 ug/l		98
67) Bromoform	9.96	173	8264	0.986 ug/l		99
69) Isopropylbenzene	10.16	105	71359	0.957 ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.46	83	15675	1.043 ug/l		97
71) 1,2,3-Trichloropropane	10.49	75	10705m	0.948 ug/l		
72) Bromobenzene	10.45	156	18843	0.963 ug/l		95
73) n-propylbenzene	10.58	120	19504	0.922 ug/l		95
74) 2-Chlorotoluene	10.66	126	18232	0.984 ug/l		98
75) 1,3,5-Trimethylbenzene	10.77	105	59482	0.936 ug/l		99
76) 4-Chlorotoluene	10.77	126	18909	1.000 ug/l		89
77) tert-Butylbenzene	11.10	119	59464	0.956 ug/l		99
78) 1,2,4-Trimethylbenzene	11.14	105	62257	0.963 ug/l		98
79) sec-Butylbenzene	11.32	105	81470	0.978 ug/l		99
81) p-Isopropyltoluene	11.47	119	66879	0.957 ug/l		97
82) 1,3-Dichlorobenzene	11.41	146	40757	1.032 ug/l		98
83) 1,4-Dichlorobenzene	11.50	146	38303	0.964 ug/l		98
84) n-Butylbenzene	11.89	91	60940	0.933 ug/l		98
85) 1,2-Dichlorobenzene	11.88	146	37365	1.016 ug/l		100
86) 1,2-Dibromo-3-Chloropropan	12.65	75	2231	1.031 ug/l		90
87) 1,2,4-Trichlorobenzene	13.50	180	23063	0.869 ug/l		96
88) Hexachlorobutadiene	13.69	225	16474	1.145 ug/l		96
89) Naphthalene	13.74	128	35512	0.854 ug/l		98
90) 1,2,3-Trichlorobenzene	13.99	180	23627	0.983 ug/l		96

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

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