Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100318\
Data File : VU027346.D
Acq On : 02 Oct 2018 16:33
Operator : MD/SY
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 03 02:23:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U100318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 03 02:08:26 2018
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTDICC005

Manual Integrations APPROVED
apatel
10/5/2018 11:56:26 AM

10/5/2018 11:56:26 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	21706	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	8659	1.12	ug/l		0.00
Spiked Amount 1.000			Recovery = 112.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	7175	0.94	ug/l		0.00
Spiked Amount 1.000			Recovery = 94.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	37557	6.264	ug/l		98
3) Chloromethane	1.33	50	42751	5.736	ug/l		98
4) Vinyl Chloride	1.40	62	43532	6.120	ug/l		98
5) Bromomethane	1.63	94	18480	3.861	ug/l		98
6) Chloroethane	1.70	64	30378	7.495	ug/l		97
7) Trichlorofluoromethane	1.89	101	50624	5.960	ug/l		99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	30178	6.094	ug/l		98
9) 1,1-Dichloroethene	2.29	96	25061	5.394	ug/l		94
10) Iodomethane	2.41	142	29427	7.524	ug/l		100
11) Allyl Chloride	2.59	41	65039	7.325	ug/l		99
12) Acrylonitrile	2.94	53	17281	14.278	ug/l		98
13) Acetone	2.32	43	35951	32.733	ug/l		93
14) Carbon Disulfide	2.48	76	75432	5.591	ug/l		100
15) Methylene Chloride	2.70	84	31330	5.553	ug/l		99
16) trans-1,2-Dichloroethene	2.98	96	28129	5.657	ug/l		99
17) 1,1-Dichloroethane	3.45	63	69630	6.587	ug/l		99
18) 2-Butanone	4.29	43	64337	36.102	ug/l		99
19) Cyclohexane	4.98	56	53521	6.092	ug/l		99
20) Methylcyclohexane	6.41	83	46392	4.879	ug/l		97
21) 2,2-Dichloropropane	4.22	77	57371	7.167	ug/l		98
22) cis-1,2-Dichloroethene	4.22	96	33995	5.501	ug/l		99
23) Diethyl Ether	2.11	59	26116	6.392	ug/l		98
24) tert-Butyl Alcohol	2.84	59	29327	59.564	ug/l		99
25) Methyl tert-Butyl Ether	3.01	73	82622	6.447	ug/l		98
26) Bromochloromethane	4.55	128	12674	4.849	ug/l		100
27) Chloroform	4.67	83	64729	5.992	ug/l		98
28) 1,1,1-Trichloroethane	4.91	97	52344	6.188	ug/l		99
29) 1,1-Dichloropropene	5.13	75	46769	5.680	ug/l		99
30) Carbon Tetrachloride	5.13	117	43919	6.248	ug/l		98
31) Isopropyl Ether	3.59	45	130183	6.923	ug/l		100
32) Ethyl-t-butyl ether	4.08	59	103509	6.498	ug/l		99
33) Tert-Amyl methyl ether	5.59	73	84272	6.472	ug/l		99
34) Propionitrile	4.34	54	16947	33.207	ug/l	#	97
35) Benzene	5.39	78	135768	5.679	ug/l		99
36) 1,2-Dichloroethane	5.41	62	44159	6.407	ug/l		99
37) Trichloroethene	6.18	130	30230	4.786	ug/l		98
38) 1,2-Dichloropropane	6.44	63	40923	6.432	ug/l		97
39) Methacrylonitrile	4.56	41	16378	7.229	ug/l		99
40) Methyl acrylate	4.44	55	22157	6.894	ug/l	#	96
41) Tetrahydrofuran	4.66	42	17346	13.976	ug/l		97
42) 1-Chlorobutane	5.06	56	74717	6.195	ug/l		99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100318\
Data File : VU027346.D
Acq On : 02 Oct 2018 16:33
Operator : MD/SY
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 03 02:23:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U100318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 03 02:08:26 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
10/5/2018 11:56:26 AM

10/5/2018 11:56:26 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	17394	6.092	ug/l		98
44) Bromodichloromethane	6.76	83	46763	6.724	ug/l		100
45) 4-Methyl-2-Pentanone	7.48	43	134850	32.972	ug/l		99
46) t-1,4-Dichloro-2-butene	10.52	75	13705m	12.730	ug/l		
47) Methyl methacrylate	6.64	69	34718	12.219	ug/l		99
48) Ethyl methacrylate	8.03	69	30392	5.791	ug/l		100
49) Toluene	7.64	92	75410	5.368	ug/l		98
50) t-1,3-Dichloropropene	7.88	75	40902	6.794	ug/l		99
51) cis-1,3-Dichloropropene	7.27	75	50252	6.605	ug/l		94
52) 1,1,2-Trichloroethane	8.07	97	24259	5.720	ug/l		98
53) 1,3-Dichloropropane	8.25	76	46707	6.190	ug/l		99
54) 2-Hexanone	8.38	43	91879	32.507	ug/l		99
55) Dibromochloromethane	8.48	129	27478	6.626	ug/l		98
56) 1,2-Dibromoethane	8.59	107	21553	5.685	ug/l		100
58) Tetrachloroethene	8.22	164	27153	4.070	ug/l		97
59) Chlorobenzene	9.12	112	77593	5.165	ug/l		97
60) 1,1,1,2-Tetrachloroethane	9.21	131	30510	6.006	ug/l		99
61) Pentachloroethane	11.10	117	24718	7.345	ug/l		99
62) Hexachloroethane	12.15	117	24418	7.128	ug/l		99
63) Ethyl Benzene	9.25	91	136280	5.195	ug/l		100
64) m/p-Xylenes	9.38	106	107274	10.758	ug/l		100
65) o-Xylene	9.78	106	49630	5.152	ug/l		97
66) Styrene	9.79	104	91026	5.665	ug/l		100
67) Bromoform	9.96	173	14384	6.189	ug/l		99
69) Isopropylbenzene	10.17	105	133805	5.295	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	33293	6.581	ug/l		98
71) 1,2,3-Trichloropropane	10.50	75	27356m	6.585	ug/l		
72) Bromobenzene	10.45	156	31229	4.941	ug/l		99
73) n-propylbenzene	10.59	120	36775	5.278	ug/l		99
74) 2-Chlorotoluene	10.66	126	33484	5.402	ug/l		96
75) 1,3,5-Trimethylbenzene	10.77	105	123299	5.731	ug/l		99
76) 4-Chlorotoluene	10.77	126	34524	5.401	ug/l		98
77) tert-Butylbenzene	11.10	119	110604	5.454	ug/l		100
78) 1,2,4-Trimethylbenzene	11.15	105	127430	5.743	ug/l		99
79) sec-Butylbenzene	11.32	105	156521	5.483	ug/l		99
80) Nitrobenzene	12.86	77	7082	43.831	ug/l	#	98
81) p-Isopropyltoluene	11.48	119	126341	5.366	ug/l		98
82) 1,3-Dichlorobenzene	11.42	146	67271	5.345	ug/l		98
83) 1,4-Dichlorobenzene	11.51	146	67636	5.366	ug/l		100
84) n-Butylbenzene	11.89	91	127278	5.609	ug/l		100
85) 1,2-Dichlorobenzene	11.88	146	61285	5.217	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4764	6.464	ug/l		95
87) 1,2,4-Trichlorobenzene	13.50	180	38782	4.943	ug/l		98
88) Hexachlorobutadiene	13.69	225	24713	5.052	ug/l		99
89) Naphthalene	13.75	128	66032	5.236	ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	38325	5.152	ug/l		99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100318\
Data File : VU027346.D
Acq On : 02 Oct 2018 16:33
Operator : MD/SY
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 03 02:23:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U100318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 03 02:08:26 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
10/5/2018 11:56:26 AM

10/5/2018 11:56:26 AM