Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020519\
Data File : VU029341.D
Acq On : 05 Feb 2019 11:43
Operator : JC/SP
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 08 10:35:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:20:02 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTDICC002

Manual Integrations APPROVED
sam
2/8/2019 2:26:16 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	56103	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	20539	0.94	ug/l		0.00
Spiked Amount 1.000			Recovery = 94.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	21643	0.96	ug/l		0.00
Spiked Amount 1.000			Recovery = 96.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	39724	1.897	ug/l		99
3) Chloromethane	1.33	50	37039	1.936	ug/l		95
4) Vinyl Chloride	1.40	62	42652	1.902	ug/l		99
5) Bromomethane	1.63	94	22238	1.782	ug/l		99
6) Chloroethane	1.70	64	25620	1.955	ug/l		95
7) Trichlorofluoromethane	1.88	101	59496	1.900	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	31704	1.917	ug/l		93
9) 1,1-Dichloroethene	2.28	96	31413	1.941	ug/l		76
10) Iodomethane	2.41	142	40744	1.962	ug/l	#	77
11) Allyl Chloride	2.59	41	52680	1.941	ug/l		89
12) Acrylonitrile	2.94	53	13233	3.648	ug/l		99
13) Acetone	2.32	43	32205	9.256	ug/l	#	85
14) Carbon Disulfide	2.48	76	107878	1.888	ug/l		98
15) Methylene Chloride	2.70	84	37047	1.888	ug/l	#	80
16) trans-1,2-Dichloroethene	2.98	96	35347	1.955	ug/l		81
17) 1,1-Dichloroethane	3.44	63	53570	1.868	ug/l		98
18) 2-Butanone	4.28	43	37231	9.529	ug/l		95
19) Cyclohexane	4.99	56	50702m	2.005	ug/l		
20) Methylcyclohexane	6.41	83	53346	1.910	ug/l		88
21) 2,2-Dichloropropane	4.22	77	52157	1.965	ug/l		97
22) cis-1,2-Dichloroethene	4.23	96	32212	1.889	ug/l		84
23) Diethyl Ether	2.10	59	25081	1.930	ug/l		91
24) tert-Butyl Alcohol	2.83	59	24831	18.385	ug/l	#	90
25) Methyl tert-Butyl Ether	3.00	73	87537	1.921	ug/l	#	86
26) Bromochloromethane	4.54	128	14627	1.942	ug/l		76
27) Chloroform	4.67	83	52852	1.895	ug/l		100
28) 1,1,1-Trichloroethane	4.91	97	50015	1.935	ug/l		97
29) 1,1-Dichloropropene	5.13	75	41608	1.854	ug/l		93
30) Carbon Tetrachloride	5.13	117	44909	1.919	ug/l		97
31) Isopropyl Ether	3.58	45	83925	1.939	ug/l		89
32) Ethyl-t-butyl ether	4.07	59	84092	1.939	ug/l		97
33) Tert-Amyl methyl ether	5.58	73	74856	1.909	ug/l		97
34) Propionitrile	4.34	54	10285	10.437	ug/l	#	91
35) Benzene	5.39	78	116808	1.882	ug/l		98
36) 1,2-Dichloroethane	5.40	62	35943	1.915	ug/l	#	93
37) Trichloroethene	6.18	130	34355	1.929	ug/l		86
38) 1,2-Dichloropropane	6.43	63	30049	1.861	ug/l		99
39) Methacrylonitrile	4.55	41	11134	2.117	ug/l	#	92
40) Methyl acrylate	4.43	55	13812	1.740	ug/l	#	92
41) Tetrahydrofuran	4.65	42	10873	3.955	ug/l	#	81
42) 1-Chlorobutane	5.06	56	56706	1.886	ug/l		92

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020519\
Data File : VU029341.D
Acq On : 05 Feb 2019 11:43
Operator : JC/SP
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC002

Manual Integrations APPROVED
sam
2/8/2019 2:26:16 PM

Quant Time: Feb 08 10:35:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:20:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	16284	1.893	ug/l		96
44) Bromodichloromethane	6.76	83	42236	1.927	ug/l		96
45) 4-Methyl-2-Pentanone	7.46	43	93859	9.306	ug/l	#	93
46) t-1,4-Dichloro-2-butene	10.52	75	19065m	3.895	ug/l		
47) Methyl methacrylate	6.63	69	28203	3.726	ug/l		82
48) Ethyl methacrylate	8.02	69	31666	1.950	ug/l		82
49) Toluene	7.64	92	75278	1.895	ug/l		96
50) t-1,3-Dichloropropene	7.88	75	39946	1.859	ug/l		98
51) cis-1,3-Dichloropropene	7.27	75	48578	1.903	ug/l		90
52) 1,1,2-Trichloroethane	8.07	97	20930	1.838	ug/l		96
53) 1,3-Dichloropropane	8.24	76	38971	1.948	ug/l		99
54) 2-Hexanone	8.37	43	65600	9.279	ug/l		91
55) Dibromochloromethane	8.48	129	30032	1.855	ug/l		100
56) 1,2-Dibromoethane	8.59	107	22000	1.883	ug/l		99
58) Tetrachloroethene	8.22	164	31144	1.879	ug/l		96
59) Chlorobenzene	9.12	112	84028	1.878	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	31597	1.911	ug/l		96
61) Pentachloroethane	11.10	117	23912	1.866	ug/l		90
62) Hexachloroethane	12.14	117	26127	1.868	ug/l		99
63) Ethyl Benzene	9.25	91	147309	1.896	ug/l		98
64) m/p-Xylenes	9.37	106	112889	3.739	ug/l		90
65) o-Xylene	9.78	106	54618	1.843	ug/l		92
66) Styrene	9.79	104	90986	1.842	ug/l		96
67) Bromoform	9.96	173	18575	1.844	ug/l		97
69) Isopropylbenzene	10.16	105	151258	1.910	ug/l		97
70) 1,1,2,2-Tetrachloroethane	10.46	83	27913	1.912	ug/l		97
71) 1,2,3-Trichloropropane	10.49	75	17751m	1.738	ug/l		
72) Bromobenzene	10.45	156	35071	1.827	ug/l		91
73) n-propylbenzene	10.58	120	41152	1.866	ug/l		84
74) 2-Chlorotoluene	10.66	126	35164	1.872	ug/l		85
75) 1,3,5-Trimethylbenzene	10.77	105	127389	1.866	ug/l		96
76) 4-Chlorotoluene	10.77	126	34212	1.755	ug/l		89
77) tert-Butylbenzene	11.10	119	126087	1.869	ug/l		94
78) 1,2,4-Trimethylbenzene	11.15	105	128985	1.866	ug/l		96
79) sec-Butylbenzene	11.32	105	165099	1.870	ug/l		96
80) Nitrobenzene	12.87	77	4962	7.697	ug/l	#	88
81) p-Isopropyltoluene	11.47	119	137895	1.843	ug/l		94
82) 1,3-Dichlorobenzene	11.41	146	69050	1.834	ug/l		98
83) 1,4-Dichlorobenzene	11.51	146	68122	1.817	ug/l		98
84) n-Butylbenzene	11.89	91	126276	1.839	ug/l		97
85) 1,2-Dichlorobenzene	11.88	146	65066	1.828	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4915	1.804	ug/l	#	71
87) 1,2,4-Trichlorobenzene	13.50	180	45707	1.828	ug/l		99
88) Hexachlorobutadiene	13.69	225	27262	1.882	ug/l		97
89) Naphthalene	13.74	128	77814	1.835	ug/l		98
90) 1,2,3-Trichlorobenzene	13.99	180	42242	1.848	ug/l		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020519\
Data File : VU029341.D
Acq On : 05 Feb 2019 11:43
Operator : JC/SP
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 08 10:35:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:20:02 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED
sam
2/8/2019 2:26:16 PM