Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031821\
Data File : VU042709.D
Acq On : 18 Mar 2021 15:01
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 19 02:29:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031721DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 18 07:25:09 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED
MMDadoda
3/25/2021 1:09:11 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.121	96	16435	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	7664	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery = 105.00%			
68) 1,2-Dichlorobenzene-d4	12.205	152	8814	1.14	ug/l	0.00
Spiked Amount 1.000			Recovery = 114.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	67912	10.61	ug/l	99
3) Chloromethane	1.527	50	60791	10.04	ug/l	97
4) Vinyl Chloride	1.607	62	59800	10.25	ug/l	99
5) Bromomethane	1.855	94	30911	8.02	ug/l	98
6) Chloroethane	1.925	64	31871	8.00	ug/l	99
7) Trichlorofluoromethane	2.131	101	108624	10.91	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	54567	10.91	ug/l	100
9) 1,1-Dichloroethene	2.581	96	46186	10.70	ug/l	100
10) Iodomethane	2.726	142	76895	11.30	ug/l	98
11) Allyl Chloride	2.925	41	89046	10.77	ug/l	99
12) Acrylonitrile	3.334	53	28325	22.66	ug/l	97
13) Acetone	2.642	43	56737	58.20	ug/l	98
14) Carbon Disulfide	2.793	76	142377	10.51	ug/l	98
15) Methylene Chloride	3.051	84	53097	10.14	ug/l	97
16) trans-1,2-Dichloroethene	3.356	96	49895	10.70	ug/l	97
17) 1,1-Dichloroethane	3.877	63	102314	10.69	ug/l	99
18) 2-Butanone	4.735	43	96208	53.77	ug/l	99
19) Cyclohexane	5.388	56	92586m	11.34	ug/l	
20) Methylcyclohexane	6.768	83	79814	11.27	ug/l	97
21) 2,2-Dichloropropane	4.671	77	90171	10.24	ug/l	99
22) cis-1,2-Dichloroethene	4.674	96	55470	10.55	ug/l	100
23) Diethyl Ether	2.382	59	40937	11.18	ug/l	100
24) tert-Butyl Alcohol	3.224	59	24183	93.24	ug/l #	85
25) Methyl tert-Butyl Ether	3.379	73	136814	10.69	ug/l	99
26) Bromochloromethane	4.983	128	26483	10.50	ug/l	97
27) Chloroform	5.099	83	106589	10.66	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	98139	10.82	ug/l	99
29) 1,1-Dichloropropene	5.530	75	67809	10.65	ug/l	98
30) Carbon Tetrachloride	5.526	117	74484	10.59	ug/l	94
31) Isopropyl Ether	4.012	45	183748	10.73	ug/l	99
32) Ethyl-t-butyl ether	4.523	59	162716	10.69	ug/l	100
33) Tert-Amyl methyl ether	5.960	73	120449	10.88	ug/l	99
34) Propionitrile	4.809	54	25370	64.48	ug/l #	93
35) Benzene	5.780	78	193045	10.80	ug/l	98
36) 1,2-Dichloroethane	5.806	62	71632	10.34	ug/l	99
37) Trichloroethene	6.549	130	52381	10.93	ug/l	100
38) 1,2-Dichloropropane	6.803	63	55151	10.74	ug/l	99
39) Methacrylonitrile	4.993	41	25628	10.29	ug/l	97
40) Methyl acrylate	4.864	55	36825	11.36	ug/l	100
41) Tetrahydrofuran	5.079	42	24626	19.99	ug/l	99
42) 1-Chlorobutane	5.462	56	97208	10.34	ug/l	97
43) Dibromomethane	6.928	93	30618	10.89	ug/l	98
44) Bromodichloromethane	7.115	83	71098	10.79	ug/l	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031821\
Data File : VU042709.D
Acq On : 18 Mar 2021 15:01
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED
MMDadoda
3/25/2021 1:09:11 PM

Quant Time: Mar 19 02:29:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031721DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 18 07:25:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.813	43	236363	55.98	ug/l		99
46) t-1,4-Dichloro-2-butene	10.841	75	37810m	20.67	ug/l		
47) Methyl methacrylate	6.977	69	55613	22.55	ug/l		99
48) Ethyl methacrylate	8.349	69	56941	11.62	ug/l		99
49) Toluene	7.976	92	127616	11.53	ug/l		100
50) t-1,3-Dichloropropene	8.221	75	67626	11.44	ug/l		99
51) cis-1,3-Dichloropropene	7.616	75	73329	11.11	ug/l		98
52) 1,1,2-Trichloroethane	8.411	97	41324	10.64	ug/l		97
53) 1,3-Dichloropropane	8.587	76	71977	10.76	ug/l		99
54) 2-Hexanone	8.706	43	171970	57.12	ug/l		99
55) Dibromochloromethane	8.819	129	51273	11.12	ug/l		99
56) 1,2-Dibromoethane	8.935	107	40566	10.52	ug/l		99
58) Tetrachloroethene	8.558	164	55131	10.57	ug/l		99
59) Chlorobenzene	9.456	112	140390	11.23	ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.546	131	54263	11.09	ug/l		99
61) Pentachloroethane	11.436	117	44884	11.93	ug/l		99
62) Hexachloroethane	12.484	117	47284	12.16	ug/l		99
63) Ethyl Benzene	9.578	91	254683	11.98	ug/l		100
64) m/p-Xylenes	9.703	106	200783	24.52	ug/l		100
65) o-Xylene	10.108	106	95610	12.06	ug/l		99
66) Styrene	10.124	104	171765	12.67	ug/l		98
67) Bromoform	10.301	173	33764	11.23	ug/l		96
69) Isopropylbenzene	10.494	105	265377	12.32	ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.793	83	58581	11.43	ug/l		99
71) 1,2,3-Trichloropropane	10.835	75	38978m	9.66	ug/l		
72) Bromobenzene	10.790	156	70033	11.56	ug/l		98
73) n-propylbenzene	10.915	120	75330	12.47	ug/l		99
74) 2-Chlorotoluene	10.996	126	67303	12.25	ug/l		100
75) 1,3,5-Trimethylbenzene	11.095	105	243237	12.61	ug/l		99
76) 4-Chlorotoluene	11.105	126	70671	12.14	ug/l		94
77) tert-Butylbenzene	11.430	119	237463	12.39	ug/l		99
78) 1,2,4-Trimethylbenzene	11.475	105	252579	12.68	ug/l		100
79) sec-Butylbenzene	11.652	105	319766	12.37	ug/l		100
80) Nitrobenzene	13.217	77	7411	44.90	ug/l	#	95
81) p-Isopropyltoluene	11.803	119	274851	12.63	ug/l		99
82) 1,3-Dichlorobenzene	11.754	146	141514	11.71	ug/l		100
83) 1,4-Dichlorobenzene	11.844	146	144596	11.90	ug/l		99
84) n-Butylbenzene	12.217	91	265956	12.74	ug/l		99
85) 1,2-Dichlorobenzene	12.221	146	140110	11.81	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	13.005	75	11143	11.65	ug/l		96
87) 1,2,4-Trichlorobenzene	13.851	180	93195	11.71	ug/l		100
88) Hexachlorobutadiene	14.031	225	60908	11.39	ug/l		98
89) Naphthalene	14.095	128	155699	9.85	ug/l		99
90) 1,2,3-Trichlorobenzene	14.340	180	89051	11.78	ug/l		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031821\
Data File : VU042709.D
Acq On : 18 Mar 2021 15:01
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 19 02:29:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031721DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 18 07:25:09 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED
MMDadoda
3/25/2021 1:09:11 PM