Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040622\
Data File : VU047829.D
Acq On : 06 Apr 2022 13:54
Operator : SY/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Quant Time: Apr 07 06:33:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U040622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Apr 07 06:19:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.118	96	50189	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	16300	0.898	ug/l	0.00
Spiked Amount 1.000			Recovery =	90.000%		
68) 1,2-Dichlorobenzene-d4	12.198	152	20498	0.936	ug/l	0.00
Spiked Amount 1.000			Recovery =	94.000%		
Target Compounds						Qvalue
3) Chloromethane	1.530	50	766	0.038	ug/l	99
4) Vinyl Chloride	1.604	62	152	0.009	ug/l #	42
5) Bromomethane	1.864	94	369	0.033	ug/l #	53
6) Chloroethane	1.944	64	124	0.011	ug/l #	42
8) 1,1,2-Trichloro-1,2,2-...	2.571	101	19	0.001	ug/l #	18
9) 1,1-Dichloroethene	2.584	96	187	0.014	ug/l	64
11) Allyl Chloride	2.793	41	45	0.002	ug/l	98
12) Acrylonitrile	3.330	53	117	0.034	ug/l #	1
14) Carbon Disulfide	2.796	76	1984	0.046	ug/l	98
16) trans-1,2-Dichloroethene	3.349	96	142	0.010	ug/l #	62
17) 1,1-Dichloroethane	3.880	63	39	0.002	ug/l #	82
19) Cyclohexane	5.462	56	50	0.003	ug/l #	13
22) cis-1,2-Dichloroethene	4.661	96	41	0.003	ug/l #	1
23) Diethyl Ether	2.388	59	20	0.002	ug/l #	1
24) tert-Butyl Alcohol	3.243	59	20	0.018	ug/l #	72
27) Chloroform	5.099	83	792	0.031	ug/l	84
29) 1,1-Dichloropropene	5.529	75	163	0.009	ug/l #	40
31) Isopropyl Ether	4.002	45	71	0.002	ug/l	94
33) Tert-Amyl methyl ether	6.111	73	643	0.022	ug/l #	42
35) Benzene	5.787	78	607	0.011	ug/l #	52
36) 1,2-Dichloroethane	5.809	62	104	0.006	ug/l #	74
37) Trichloroethene	6.542	130	447	0.028	ug/l #	69
38) 1,2-Dichloropropane	6.790	63	20	0.001	ug/l #	44
39) Methacrylonitrile	5.002	41	44	0.011	ug/l #	20
41) Tetrahydrofuran	5.070	42	329	0.141	ug/l #	73
42) 1-Chlorobutane	5.462	56	50	0.002	ug/l #	27
43) Dibromomethane	6.925	93	20	0.002	ug/l #	54
44) Bromodichloromethane	7.111	83	257	0.014	ug/l #	95
45) 4-Methyl-2-Pentanone	7.803	43	4517	0.544	ug/l	92
47) Methyl methacrylate	6.973	69	316	0.049	ug/l #	57
48) Ethyl methacrylate	8.343	69	676	0.057	ug/l	100
49) Toluene	7.973	92	646	0.019	ug/l	98
50) t-1,3-Dichloropropene	8.214	75	236	0.014	ug/l #	1
51) cis-1,3-Dichloropropene	7.613	75	250	0.013	ug/l #	56
52) 1,1,2-Trichloroethane	8.398	97	272	0.024	ug/l #	45
53) 1,3-Dichloropropane	8.574	76	218	0.012	ug/l #	65
54) 2-Hexanone	8.697	43	4545	0.761	ug/l	94
55) Dibromochloromethane	8.819	129	318	0.023	ug/l	94
56) 1,2-Dibromoethane	8.931	107	292	0.027	ug/l	86
58) Tetrachloroethene	8.549	164	503	0.035	ug/l	95
59) Chlorobenzene	9.452	112	1492	0.038	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.539	131	214	0.015	ug/l #	67
61) Pentachloroethane	11.423	117	631	0.054	ug/l #	71

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U040622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
62) Hexachloroethane	12.478	117	319	0.030	ug/l		88
63) Ethyl Benzene	9.574	91	2028	0.033	ug/l		99
64) m/p-Xylenes	9.700	106	1364	0.056	ug/l		100
65) o-Xylene	10.105	106	743	0.032	ug/l		92
66) Styrene	10.121	104	1559	0.040	ug/l		94
67) Bromoform	10.295	173	380	0.044	ug/l	#	70
69) Isopropylbenzene	10.487	105	2732	0.045	ug/l		96
70) 1,1,2,2-Tetrachloroethane	10.783	83	892	0.060	ug/l	#	92
71) 1,2,3-Trichloropropane	10.828	75	976	0.087	ug/l		73
72) Bromobenzene	10.786	156	1159	0.063	ug/l		98
73) n-propylbenzene	10.909	120	937	0.054	ug/l		100
74) 2-Chlorotoluene	10.989	126	650	0.040	ug/l		54
75) 1,3,5-Trimethylbenzene	11.092	105	2415	0.047	ug/l		97
76) 4-Chlorotoluene	11.105	126	937	0.054	ug/l		88
77) tert-Butylbenzene	11.423	119	3193	0.061	ug/l		94
78) 1,2,4-Trimethylbenzene	11.471	105	3579	0.068	ug/l		93
79) sec-Butylbenzene	11.471	105	3579	0.052	ug/l		96
80) Nitrobenzene	13.224	77	1279	2.287	ug/l	#	91
81) p-Isopropyltoluene	11.796	119	4425	0.077	ug/l		97
82) 1,3-Dichlorobenzene	11.751	146	3319	0.090	ug/l		94
83) 1,4-Dichlorobenzene	11.841	146	3835	0.104	ug/l		99
84) n-Butylbenzene	12.214	91	8567	0.156	ug/l		94
85) 1,2-Dichlorobenzene	12.214	146	3958	0.114	ug/l		96
86) 1,2-Dibromo-3-Chloropr...	13.002	75	387	0.165	ug/l	#	77
87) 1,2,4-Trichlorobenzene	13.844	180	7825	0.309	ug/l		98
88) Hexachlorobutadiene	14.024	225	2894	0.193	ug/l		97
89) Naphthalene	14.092	128	29960	1.107	ug/l		99
90) 1,2,3-Trichlorobenzene	14.333	180	9719	0.414	ug/l		94

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

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