Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040622\
Data File : VU047830.D
Acq On : 06 Apr 2022 14:21
Operator : SY/MD
Sample : VSTDICC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Quant Time: Apr 07 05:54:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U040622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Apr 07 05:50:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.118	96	50643	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	16466	0.886	ug/l	0.00
Spiked Amount 1.000			Recovery = 89.000%			
68) 1,2-Dichlorobenzene-d4	12.195	152	20888	1.153	ug/l	0.00
Spiked Amount 1.000			Recovery = 115.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	9078	0.474	ug/l	89
3) Chloromethane	1.526	50	10798	0.535	ug/l	98
4) Vinyl Chloride	1.607	62	9269	0.454	ug/l	96
5) Bromomethane	1.861	94	5447	0.472	ug/l	91
6) Chloroethane	1.938	64	5713	0.430	ug/l	96
7) Trichlorofluoromethane	2.144	101	12104	0.497	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.587	101	6811	0.485	ug/l	95
9) 1,1-Dichloroethene	2.587	96	7215	0.545	ug/l	99
10) Iodomethane	2.729	142	4646	0.357	ug/l	96
11) Allyl Chloride	2.925	41	10171	0.532	ug/l	90
12) Acrylonitrile	3.327	53	3422	1.024	ug/l #	87
13) Acetone	2.649	43	8212	2.171	ug/l	95
14) Carbon Disulfide	2.797	76	23200	0.573	ug/l	98
15) Methylene Chloride	3.051	84	22575	1.405	ug/l	98
16) trans-1,2-Dichloroethene	3.356	96	8178	0.575	ug/l	83
17) 1,1-Dichloroethane	3.877	63	12596	0.481	ug/l	97
18) 2-Butanone	4.735	43	8875	1.830	ug/l	99
19) Cyclohexane	5.391	56	8939m	0.377	ug/l	
20) Methylcyclohexane	6.764	83	9484	0.395	ug/l	98
21) 2,2-Dichloropropane	4.671	77	10092	0.454	ug/l	91
22) cis-1,2-Dichloroethene	4.674	96	7433	0.477	ug/l	93
23) Diethyl Ether	2.382	59	5161	0.426	ug/l	98
24) tert-Butyl Alcohol	3.243	59	6390	6.238	ug/l #	82
25) Methyl tert-Butyl Ether	3.372	73	17520	0.483	ug/l	96
26) Bromochloromethane	4.983	128	3856	0.565	ug/l	97
27) Chloroform	5.095	83	13166	0.486	ug/l	91
28) 1,1,1-Trichloroethane	5.317	97	11192	0.503	ug/l	98
29) 1,1-Dichloropropene	5.529	75	8682	0.430	ug/l	97
30) Carbon Tetrachloride	5.526	117	9563	0.543	ug/l	91
31) Isopropyl Ether	4.005	45	16541	0.406	ug/l	96
32) Ethyl-t-butyl ether	4.510	59	16279	0.399	ug/l	97
33) Tert-Amyl methyl ether	5.947	73	13999	0.385	ug/l	97
34) Propionitrile	4.806	54	2954	2.362	ug/l #	64
35) Benzene	5.780	78	27391	0.468	ug/l	100
36) 1,2-Dichloroethane	5.800	62	8093	0.438	ug/l	98
37) Trichloroethene	6.546	130	8379	0.574	ug/l	94
38) 1,2-Dichloropropane	6.796	63	7001	0.463	ug/l	99
39) Methacrylonitrile	4.986	41	2202m	0.446	ug/l	
40) Methyl acrylate	4.870	55	3049m	0.377	ug/l	
41) Tetrahydrofuran	5.076	42	2776	0.993	ug/l #	71
42) 1-Chlorobutane	5.465	56	11119	0.389	ug/l	90
43) Dibromomethane	6.925	93	4129	0.539	ug/l	99
44) Bromodichloromethane	7.108	83	9447	0.500	ug/l	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	19697	1.954 ug/l	99
46) t-1,4-Dichloro-2-butene	10.832	75	3744m	1.025 ug/l	
47) Methyl methacrylate	6.967	69	5917	0.784 ug/l	97
48) Ethyl methacrylate	8.340	69	5520	0.375 ug/l	99
49) Toluene	7.973	92	15185	0.420 ug/l	97
50) t-1,3-Dichloropropene	8.214	75	7621	0.417 ug/l #	84
51) cis-1,3-Dichloropropene	7.610	75	9023	0.424 ug/l	95
52) 1,1,2-Trichloroethane	8.401	97	5685	0.515 ug/l	95
53) 1,3-Dichloropropane	8.578	76	9364	0.464 ug/l	98
54) 2-Hexanone	8.693	43	14340	1.858 ug/l	93
55) Dibromochloromethane	8.809	129	6616	0.559 ug/l	100
56) 1,2-Dibromoethane	8.928	107	5450	0.523 ug/l	98
58) Tetrachloroethene	8.555	164	7219	0.545 ug/l	96
59) Chlorobenzene	9.449	112	19349	0.508 ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.536	131	6567	0.512 ug/l	93
61) Pentachloroethane	11.430	117	5708	0.603 ug/l	95
62) Hexachloroethane	12.478	117	4956	0.509 ug/l	99
63) Ethyl Benzene	9.571	91	26814	0.400 ug/l	100
64) m/p-Xylenes	9.697	106	20227	0.787 ug/l	98
65) o-Xylene	10.102	106	10147	0.406 ug/l	95
66) Styrene	10.118	104	15268	0.371 ug/l	99
67) Bromoform	10.295	173	4204	0.650 ug/l	96
69) Isopropylbenzene	10.488	105	25349	0.386 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.783	83	7430	0.523 ug/l	98
71) 1,2,3-Trichloropropane	10.825	75	5823m	0.494 ug/l	
72) Bromobenzene	10.787	156	9072	0.597 ug/l	99
73) n-propylbenzene	10.906	120	6838	0.391 ug/l	88
74) 2-Chlorotoluene	10.986	126	7037	0.462 ug/l	100
75) 1,3,5-Trimethylbenzene	11.089	105	20668	0.376 ug/l	99
76) 4-Chlorotoluene	11.102	126	7409	0.472 ug/l	97
77) tert-Butylbenzene	11.423	119	22184	0.413 ug/l	98
78) 1,2,4-Trimethylbenzene	11.471	105	21955	0.392 ug/l	94
79) sec-Butylbenzene	11.645	105	28079	0.382 ug/l	98
80) Nitrobenzene	13.214	77	1391	3.293 ug/l #	94
81) p-Isopropyltoluene	11.796	119	22569	0.380 ug/l	99
82) 1,3-Dichlorobenzene	11.748	146	18256	0.601 ug/l	98
83) 1,4-Dichlorobenzene	11.838	146	18021	0.598 ug/l	98
84) n-Butylbenzene	12.211	91	23893	0.425 ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	16871	0.584 ug/l	96
86) 1,2-Dibromo-3-Chloropr...	13.005	75	1122	0.481 ug/l	95
87) 1,2,4-Trichlorobenzene	13.844	180	13214	0.715 ug/l	100
88) Hexachlorobutadiene	14.024	225	7786	0.846 ug/l	98
89) Naphthalene	14.092	128	24791	0.715 ug/l	98
90) 1,2,3-Trichlorobenzene	14.333	180	12653	0.738 ug/l	98

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

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