Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071621\
Data File : VU044345.D
Acq On : 16 Jul 2021 10:03
Operator : SY/MD
Sample : VSTDICC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED
MMDadoda
7/19/2021 5:54:40 PM

Quant Time: Jul 16 12:33:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 16 12:32:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.121	96	56818	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	24438	1.067	ug/l	0.00
Spiked Amount 1.000			Recovery = 107.000%			
68) 1,2-Dichlorobenzene-d4	12.201	152	22281	0.984	ug/l	0.00
Spiked Amount 1.000			Recovery = 98.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	10394	0.504	ug/l	97
3) Chloromethane	1.527	50	11831	0.536	ug/l	98
4) Vinyl Chloride	1.610	62	11294	0.498	ug/l	95
5) Bromomethane	1.861	94	6586	0.547	ug/l	91
6) Chloroethane	1.941	64	8325	0.639	ug/l	95
7) Trichlorofluoromethane	2.147	101	12531	0.506	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	7933	0.508	ug/l	96
9) 1,1-Dichloroethene	2.588	96	7968	0.528	ug/l	88
11) Allyl Chloride	2.932	41	13054	0.524	ug/l	84
12) Acrylonitrile	3.327	53	3370	0.875	ug/l	92
13) Acetone	2.636	43	4692	2.447	ug/l #	86
14) Carbon Disulfide	2.800	76	25623	0.508	ug/l	98
15) Methylene Chloride	3.054	84	13971	0.775	ug/l	94
16) trans-1,2-Dichloroethene	3.362	96	8665	0.522	ug/l	99
17) 1,1-Dichloroethane	3.880	63	16152	0.521	ug/l	97
18) 2-Butanone	4.732	43	8707	2.104	ug/l	95
19) Cyclohexane	5.391	56	14920	0.524	ug/l	98
20) Methylcyclohexane	6.767	83	14294	0.466	ug/l	96
21) 2,2-Dichloropropane	4.674	77	13484	0.525	ug/l	94
22) cis-1,2-Dichloroethene	4.678	96	9344	0.510	ug/l	96
23) Diethyl Ether	2.385	59	6223	0.487	ug/l	95
25) Methyl tert-Butyl Ether	3.382	73	21055	0.495	ug/l	96
26) Bromochloromethane	4.983	128	4069	0.537	ug/l	98
27) Chloroform	5.099	83	16268	0.551	ug/l	94
28) 1,1,1-Trichloroethane	5.324	97	13153	0.523	ug/l	95
29) 1,1-Dichloropropene	5.533	75	12180	0.501	ug/l	96
30) Carbon Tetrachloride	5.530	117	11021	0.523	ug/l	90
31) Isopropyl Ether	4.015	45	26444	0.502	ug/l	95
32) Ethyl-t-butyl ether	4.523	59	26018	0.501	ug/l	97
33) Tert-Amyl methyl ether	5.960	73	22748	0.503	ug/l	99
34) Propionitrile	4.800	54	2812	2.530	ug/l #	81
35) Benzene	5.780	78	35276	0.509	ug/l	100
36) 1,2-Dichloroethane	5.809	62	10450	0.535	ug/l	97
37) Trichloroethene	6.549	130	9000	0.510	ug/l	95
38) 1,2-Dichloropropane	6.806	63	9360	0.508	ug/l	99
39) Methacrylonitrile	4.999	41	3110	0.504	ug/l #	95
40) Methyl acrylate	4.864	55	4829	0.499	ug/l	97
41) Tetrahydrofuran	5.086	42	3189m	1.110	ug/l	
42) 1-Chlorobutane	5.465	56	17537	0.522	ug/l	91
43) Dibromomethane	6.931	93	4606	0.497	ug/l	96
44) Bromodichloromethane	7.118	83	11049	0.504	ug/l	93
45) 4-Methyl-2-Pentanone	7.809	43	31586	2.502	ug/l	96
46) t-1,4-Dichloro-2-butene	10.841	75	5338m	0.940	ug/l	

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
47) Methyl methacrylate	6.980	69	10424	1.023 ug/l #	86
48) Ethyl methacrylate	8.346	69	10535	0.498 ug/l	94
49) Toluene	7.976	92	21936	0.492 ug/l	100
50) t-1,3-Dichloropropene	8.221	75	11133	0.472 ug/l	97
51) cis-1,3-Dichloropropene	7.616	75	13264	0.484 ug/l	92
52) 1,1,2-Trichloroethane	8.410	97	6692	0.500 ug/l	95
53) 1,3-Dichloropropane	8.584	76	12658	0.513 ug/l	100
54) 2-Hexanone	8.703	43	22073	2.446 ug/l	92
55) Dibromochloromethane	8.819	129	7449	0.499 ug/l	96
56) 1,2-Dibromoethane	8.935	107	6955	0.526 ug/l	91
58) Tetrachloroethene	8.558	164	7445	0.493 ug/l	92
59) Chlorobenzene	9.455	112	23883	0.507 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.542	131	7597	0.479 ug/l	97
61) Pentachloroethane	11.436	117	6357	0.503 ug/l	92
62) Hexachloroethane	12.481	117	6235	0.458 ug/l	97
63) Ethyl Benzene	9.578	91	40897	0.481 ug/l	98
64) m/p-Xylenes	9.700	106	31102	0.958 ug/l	99
65) o-Xylene	10.108	106	14780	0.471 ug/l	94
66) Styrene	10.124	104	26271	0.482 ug/l	97
67) Bromoform	10.298	173	3839	0.440 ug/l #	96
69) Isopropylbenzene	10.491	105	40457	0.482 ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.793	83	9094	0.506 ug/l	95
71) 1,2,3-Trichloropropane	10.838	75	7932m	0.519 ug/l	
72) Bromobenzene	10.790	156	9671	0.508 ug/l	95
73) n-propylbenzene	10.912	120	10860	0.473 ug/l	93
74) 2-Chlorotoluene	10.992	126	9716	0.514 ug/l	92
75) 1,3,5-Trimethylbenzene	11.095	105	34124	0.482 ug/l	99
76) 4-Chlorotoluene	11.105	126	9831	0.500 ug/l	99
77) tert-Butylbenzene	11.426	119	33593	0.484 ug/l	99
78) 1,2,4-Trimethylbenzene	11.475	105	34147	0.469 ug/l	98
79) sec-Butylbenzene	11.648	105	45607	0.481 ug/l	98
80) Nitrobenzene	13.217	77	1349	2.283 ug/l #	82
81) p-Isopropyltoluene	11.799	119	37671	0.476 ug/l	99
82) 1,3-Dichlorobenzene	11.754	146	19397	0.514 ug/l	98
83) 1,4-Dichlorobenzene	11.844	146	19641	0.517 ug/l	99
84) n-Butylbenzene	12.214	91	35532	0.449 ug/l	97
85) 1,2-Dichlorobenzene	12.221	146	18573	0.509 ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.002	75	1363	0.414 ug/l	98
87) 1,2,4-Trichlorobenzene	13.848	180	12594	0.464 ug/l	96
88) Hexachlorobutadiene	14.028	225	6264	0.485 ug/l	97
90) 1,2,3-Trichlorobenzene	14.339	180	11398	0.467 ug/l	98

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

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