Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081922\
Data File : VU050389.D
Acq On : 20 Aug 2022 01:05
Operator : SY/MD
Sample : VU0819WBS02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0819WBS02

Manual Integrations APPROVED
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

Quant Time: Aug 25 20:14:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 25 14:01:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.121	96	34450	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	11563	0.986	ug/l	0.00
Spiked Amount 1.000			Recovery =	99.000%		
68) 1,2-Dichlorobenzene-d4	12.195	152	13702	0.988	ug/l	0.00
Spiked Amount 1.000			Recovery =	99.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	26708	1.872	ug/l	100
3) Chloromethane	1.520	50	33405	1.925	ug/l	98
4) Vinyl Chloride	1.604	62	30724	2.072	ug/l	99
5) Bromomethane	1.855	94	12258	2.020	ug/l	99
6) Chloroethane	1.935	64	18438	2.056	ug/l	99
7) Trichlorofluoromethane	2.141	101	37310	2.016	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	18458	1.783	ug/l	94
9) 1,1-Dichloroethene	2.584	96	19401	1.912	ug/l	94
10) Iodomethane	2.726	142	6312	0.754	ug/l	96
11) Allyl Chloride	2.928	41	28385	1.815	ug/l	100
12) Acrylonitrile	3.330	53	9666	3.176	ug/l	92
13) Acetone	2.639	43	14779	6.944	ug/l	93
14) Carbon Disulfide	2.797	76	59169	1.883	ug/l	99
15) Methylene Chloride	3.051	84	25865	1.884	ug/l	96
16) trans-1,2-Dichloroethene	3.356	96	21335	2.035	ug/l	91
17) 1,1-Dichloroethane	3.883	63	44418	2.034	ug/l	98
18) 2-Butanone	4.758	43	24878	7.432	ug/l	96
19) Cyclohexane	5.359	56	29051m	1.833	ug/l	
20) Methylcyclohexane	6.803	83	19320	1.546	ug/l	97
21) 2,2-Dichloropropane	4.674	77	18275	1.101	ug/l	100
22) cis-1,2-Dichloroethene	4.681	96	23241	1.959	ug/l	97
23) Diethyl Ether	2.382	59	17936	2.058	ug/l	99
24) tert-Butyl Alcohol	3.208	59	17581	15.938	ug/l #	93
25) Methyl tert-Butyl Ether	3.382	73	53908	2.000	ug/l	98
26) Bromochloromethane	4.977	128	9578	2.012	ug/l	91
27) Chloroform	5.089	83	41955	1.982	ug/l	95
28) 1,1,1-Trichloroethane	5.298	97	35550	1.968	ug/l	97
29) 1,1-Dichloropropene	5.497	75	28724	1.985	ug/l	96
30) Carbon Tetrachloride	5.494	117	27876	1.928	ug/l	99
31) Isopropyl Ether	4.031	45	66044	1.949	ug/l	97
32) Ethyl-t-butyl ether	4.543	59	52356	1.967	ug/l	100
33) Tert-Amyl methyl ether	5.960	73	30072	1.733	ug/l	97
34) Propionitrile	4.819	54	6718	6.794	ug/l #	80
35) Benzene	5.755	78	82968	1.951	ug/l	99
36) 1,2-Dichloroethane	5.790	62	25140	1.936	ug/l	99
37) Trichloroethene	6.591	130	19481	1.911	ug/l	99
38) 1,2-Dichloropropane	6.838	63	22159	1.941	ug/l	99
39) Methacrylonitrile	5.002	41	8105	1.998	ug/l	99
40) Methyl acrylate	4.877	55	11713	1.895	ug/l #	92
41) Tetrahydrofuran	5.089	42	6739	3.317	ug/l	94
42) 1-Chlorobutane	5.436	56	38311	1.860	ug/l	99
43) Dibromomethane	6.964	93	12441	2.022	ug/l	98
44) Bromodichloromethane	7.147	83	28494	1.962	ug/l	97

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 25 14:01:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.835	43	54507	8.825	ug/l		97
46) t-1,4-Dichloro-2-butene	10.832	75	12678m	3.871	ug/l		
47) Methyl methacrylate	7.012	69	16695	3.762	ug/l		94
48) Ethyl methacrylate	8.362	69	14570	1.872	ug/l		94
49) Toluene	7.996	92	41704	1.825	ug/l		96
50) t-1,3-Dichloropropene	8.237	75	19768	1.748	ug/l		96
51) cis-1,3-Dichloropropene	7.642	75	22919	1.771	ug/l		96
52) 1,1,2-Trichloroethane	8.427	97	18256	2.019	ug/l		99
53) 1,3-Dichloropropane	8.600	76	28415	1.995	ug/l		100
54) 2-Hexanone	8.716	43	36619	8.513	ug/l		95
55) Dibromochloromethane	8.829	129	19859	1.996	ug/l		96
56) 1,2-Dibromoethane	8.944	107	16061	1.977	ug/l		99
58) Tetrachloroethene	8.571	164	18671	1.946	ug/l		98
59) Chlorobenzene	9.462	112	47129	1.911	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.549	131	19309	1.863	ug/l		95
61) Pentachloroethane	11.433	117	16510	1.914	ug/l		92
62) Hexachloroethane	12.478	117	13587	1.894	ug/l		98
63) Ethyl Benzene	9.584	91	67191	1.840	ug/l		100
64) m/p-Xylenes	9.706	106	51345	3.536	ug/l		96
65) o-Xylene	10.111	106	25328	1.815	ug/l		96
66) Styrene	10.124	104	42183	1.807	ug/l		97
67) Bromoform	10.301	173	10848	1.920	ug/l	#	98
69) Isopropylbenzene	10.491	105	71265	1.948	ug/l		97
70) 1,1,2,2-Tetrachloroethane	10.790	83	25673	2.063	ug/l		100
71) 1,2,3-Trichloropropane	10.832	75	18017m	1.925	ug/l		
72) Bromobenzene	10.790	156	19978	1.877	ug/l		96
73) n-propylbenzene	10.912	120	17666	1.813	ug/l		98
74) 2-Chlorotoluene	10.992	126	18750	1.852	ug/l		87
75) 1,3,5-Trimethylbenzene	11.092	105	57802	1.780	ug/l		95
76) 4-Chlorotoluene	11.105	126	18057	1.749	ug/l		86
77) tert-Butylbenzene	11.423	119	60495	1.895	ug/l		96
78) 1,2,4-Trimethylbenzene	11.472	105	57841	1.763	ug/l		99
79) sec-Butylbenzene	11.648	105	90221	2.067	ug/l		100
80) Nitrobenzene	13.214	77	5797	8.586	ug/l	#	98
81) p-Isopropyltoluene	11.796	119	65852	1.953	ug/l		100
82) 1,3-Dichlorobenzene	11.751	146	47141	2.151	ug/l		99
83) 1,4-Dichlorobenzene	11.841	146	44801	2.056	ug/l		98
84) n-Butylbenzene	12.211	91	86841	2.534	ug/l		95
85) 1,2-Dichlorobenzene	12.217	146	42405	1.968	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	12.999	75	3282	1.671	ug/l		95
87) 1,2,4-Trichlorobenzene	13.844	180	24371	1.982	ug/l		98
88) Hexachlorobutadiene	14.021	225	25120	3.139	ug/l		99
89) Naphthalene	14.092	128	43053	2.128	ug/l		98
90) 1,2,3-Trichlorobenzene	14.330	180	53894	3.719	ug/l		98

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

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