Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070822\
Data File : VU049662.D
Acq On : 08 Jul 2022 18:00
Operator : SY/MD
Sample : VU0708WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 09 04:38:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 07 07:00:33 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0708WBS01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.115	96	35515	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	12303	0.946	ug/l	0.00
Spiked Amount 1.000			Recovery = 95.000%			
68) 1,2-Dichlorobenzene-d4	12.195	152	13160	1.099	ug/l	0.00
Spiked Amount 1.000			Recovery = 110.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	28401	2.088	ug/l	96
3) Chloromethane	1.530	50	28249	2.031	ug/l	99
4) Vinyl Chloride	1.604	62	26594	2.097	ug/l	99
5) Bromomethane	1.858	94	13163	1.990	ug/l	97
6) Chloroethane	1.932	64	14049	1.978	ug/l	95
7) Trichlorofluoromethane	2.138	101	33908	2.231	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	16913	2.117	ug/l	95
9) 1,1-Dichloroethene	2.578	96	15453	1.919	ug/l	86
10) Iodomethane	2.723	142	17280	1.692	ug/l	93
11) Allyl Chloride	2.922	41	28050	2.043	ug/l	92
12) Acrylonitrile	3.321	53	9400m	4.366	ug/l	
13) Acetone	2.639	43	18944	12.136	ug/l	95
14) Carbon Disulfide	2.790	76	51614	1.947	ug/l	99
15) Methylene Chloride	3.044	84	22210	2.202	ug/l	98
16) trans-1,2-Dichloroethene	3.350	96	17552	2.076	ug/l	98
17) 1,1-Dichloroethane	3.867	63	35592	2.035	ug/l	98
18) 2-Butanone	4.729	43	29042	10.616	ug/l	99
19) Cyclohexane	5.385	56	28757m	1.721	ug/l	
20) Methylcyclohexane	6.761	83	27597	1.675	ug/l	95
21) 2,2-Dichloropropane	4.662	77	27117	1.895	ug/l	99
22) cis-1,2-Dichloroethene	4.668	96	20225	1.939	ug/l	96
23) Diethyl Ether	2.379	59	13955	2.034	ug/l	94
24) tert-Butyl Alcohol	3.224	59	18938	24.197	ug/l #	83
25) Methyl tert-Butyl Ether	3.369	73	47787	2.122	ug/l	97
26) Bromochloromethane	4.973	128	9351	2.130	ug/l	96
27) Chloroform	5.092	83	36838	2.141	ug/l	95
28) 1,1,1-Trichloroethane	5.314	97	31018	2.044	ug/l	98
29) 1,1-Dichloropropene	5.526	75	25813	1.905	ug/l	99
30) Carbon Tetrachloride	5.523	117	26691	2.089	ug/l	99
31) Isopropyl Ether	4.002	45	56730	1.892	ug/l	91
32) Ethyl-t-butyl ether	4.510	59	52047	1.834	ug/l	99
33) Tert-Amyl methyl ether	5.948	73	45206	1.832	ug/l	99
34) Propionitrile	4.797	54	8422	10.143	ug/l #	87
35) Benzene	5.774	78	77528	2.008	ug/l	97
36) 1,2-Dichloroethane	5.797	62	24158	2.200	ug/l	100
37) Trichloroethene	6.539	130	19106	1.958	ug/l	92
38) 1,2-Dichloropropane	6.793	63	21224	2.076	ug/l	99
39) Methacrylonitrile	4.989	41	7578	2.130	ug/l #	74
40) Methyl acrylate	4.861	55	11522m	2.068	ug/l	
41) Tetrahydrofuran	5.073	42	8373	4.240	ug/l #	91
42) 1-Chlorobutane	5.459	56	36622	1.927	ug/l	92
43) Dibromomethane	6.919	93	10857	2.131	ug/l	95
44) Bromodichloromethane	7.105	83	25488	2.087	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	69000	9.980	ug/l		98
46) t-1,4-Dichloro-2-butene	10.832	75	9622m	4.277	ug/l		
47) Methyl methacrylate	6.967	69	19739	3.843	ug/l		97
48) Ethyl methacrylate	8.337	69	18730	1.818	ug/l		100
49) Toluene	7.970	92	44481	1.886	ug/l		99
50) t-1,3-Dichloropropene	8.214	75	22808	1.934	ug/l		100
51) cis-1,3-Dichloropropene	7.610	75	26943	1.928	ug/l		97
52) 1,1,2-Trichloroethane	8.401	97	14953	2.127	ug/l		99
53) 1,3-Dichloropropane	8.578	76	25460	2.018	ug/l		99
54) 2-Hexanone	8.690	43	47897	9.975	ug/l		96
55) Dibromochloromethane	8.812	129	16713	2.081	ug/l		99
56) 1,2-Dibromoethane	8.925	107	13984	2.054	ug/l		98
58) Tetrachloroethene	8.552	164	16688	2.056	ug/l		98
59) Chlorobenzene	9.446	112	47351	1.919	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.533	131	18667	2.127	ug/l		95
61) Pentachloroethane	11.430	117	14221	2.111	ug/l		93
62) Hexachloroethane	12.475	117	12842	1.903	ug/l		98
63) Ethyl Benzene	9.571	91	80448	1.812	ug/l		100
64) m/p-Xylenes	9.693	106	61911	3.769	ug/l		99
65) o-Xylene	10.099	106	29726	1.841	ug/l		96
66) Styrene	10.115	104	49260	1.899	ug/l		98
67) Bromoform	10.292	173	9497	2.072	ug/l		95
69) Isopropylbenzene	10.484	105	77394	1.795	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.783	83	19559	2.141	ug/l		98
71) 1,2,3-Trichloropropane	10.825	75	17277m	2.285	ug/l		
72) Bromobenzene	10.783	156	19173	1.973	ug/l		99
73) n-propylbenzene	10.906	120	20419	1.877	ug/l		98
74) 2-Chlorotoluene	10.986	126	18632	1.920	ug/l		99
75) 1,3,5-Trimethylbenzene	11.089	105	66676	1.850	ug/l		98
76) 4-Chlorotoluene	11.099	126	19608	2.015	ug/l		96
77) tert-Butylbenzene	11.420	119	65198	1.837	ug/l		98
78) 1,2,4-Trimethylbenzene	11.468	105	66225	1.830	ug/l		98
79) sec-Butylbenzene	11.642	105	88374	1.898	ug/l		98
80) Nitrobenzene	13.217	77	3924	10.502	ug/l	#	94
81) p-Isopropyltoluene	11.793	119	69801	1.848	ug/l		99
82) 1,3-Dichlorobenzene	11.745	146	39240	2.088	ug/l		98
83) 1,4-Dichlorobenzene	11.835	146	39117	2.062	ug/l		95
84) n-Butylbenzene	12.208	91	64653	1.838	ug/l		97
85) 1,2-Dichlorobenzene	12.211	146	37659	2.068	ug/l		100
86) 1,2-Dibromo-3-Chloropr...	12.999	75	3464	2.175	ug/l		93
87) 1,2,4-Trichlorobenzene	13.841	180	23824	1.939	ug/l		99
88) Hexachlorobutadiene	14.021	225	13404	2.141	ug/l		98
89) Naphthalene	14.089	128	46528	1.806	ug/l		99
90) 1,2,3-Trichlorobenzene	14.330	180	22627	1.929	ug/l		98

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

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