Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081220\
Data File : VU039837.D
Acq On : 12 Aug 2020 10:22
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010

Manual Integrations APPROVED
MMDadoda
9/4/2020 7:32:08 PM

Quant Time: Sep 04 19:09:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Sep 04 18:51:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	22594	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	9709	1.10	ug/l	0.00
Spiked Amount 1.000			Recovery = 110.00%			
68) 1,2-Dichlorobenzene-d4	12.19	152	8083	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery = 94.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	67638	8.615	ug/l	96
3) Chloromethane	1.53	50	73136	7.499	ug/l	99
4) Vinyl Chloride	1.61	62	77665	8.641	ug/l	98
5) Bromomethane	1.86	94	47270	7.689	ug/l	98
6) Chloroethane	1.94	64	52059	8.347	ug/l	99
7) Trichlorofluoromethane	2.15	101	106833	8.986	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	63070	9.244	ug/l	98
9) 1,1-Dichloroethene	2.59	96	54189	8.632	ug/l	97
10) Iodomethane	2.74	142	37033	5.849	ug/l	97
11) Allyl Chloride	2.94	41	125441	9.263	ug/l	100
12) Acrylonitrile	3.34	53	43029	19.527	ug/l	91
13) Acetone	2.65	43	96757	46.525	ug/l	100
14) Carbon Disulfide	2.80	76	159250	6.917	ug/l	98
15) Methylene Chloride	3.06	84	69629	7.957	ug/l	97
16) trans-1,2-Dichloroethene	3.37	96	62107	8.702	ug/l	96
17) 1,1-Dichloroethane	3.89	63	146081	9.321	ug/l	99
18) 2-Butanone	4.75	43	154065	44.189	ug/l	98
19) Cyclohexane	5.39	56	123697m	8.154	ug/l	
20) Methylcyclohexane	6.77	83	95583	8.503	ug/l	97
21) 2,2-Dichloropropane	4.68	77	119254	9.328	ug/l	99
22) cis-1,2-Dichloroethene	4.68	96	68723	8.933	ug/l	94
23) Diethyl Ether	2.39	59	57005	8.881	ug/l	96
24) tert-Butyl Alcohol	3.23	59	76589	100.265	ug/l	99
25) Methyl tert-Butyl Ether	3.39	73	192984	9.421	ug/l	99
26) Bromochloromethane	4.99	128	27905	8.866	ug/l	98
27) Chloroform	5.11	83	136328	9.294	ug/l	98
28) 1,1,1-Trichloroethane	5.33	97	110543	9.314	ug/l	99
29) 1,1-Dichloropropene	5.54	75	99261	8.685	ug/l	99
30) Carbon Tetrachloride	5.54	117	90998	9.377	ug/l	98
31) Isopropyl Ether	4.02	45	275325	9.632	ug/l	100
32) Ethyl-t-butyl ether	4.53	59	227185	9.339	ug/l	99
33) Tert-Amyl methyl ether	5.97	73	151874	8.660	ug/l	99
34) Propionitrile	4.82	54	38962	45.300	ug/l	98
35) Benzene	5.79	78	273994	9.692	ug/l	99
36) 1,2-Dichloroethane	5.81	62	97083	9.161	ug/l	99
37) Trichloroethene	6.55	130	55740	8.618	ug/l	99
38) 1,2-Dichloropropane	6.81	63	72905	9.357	ug/l	98
39) Methacrylonitrile	5.01	41	37111	8.187	ug/l	98
40) Methyl acrylate	4.87	55	51009	8.727	ug/l	98
41) Tetrahydrofuran	5.09	42	37491	16.440	ug/l	97
42) 1-Chlorobutane	5.47	56	158352	8.828	ug/l	97

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Quant Time: Sep 04 19:09:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Sep 04 18:51:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.93	93	37206	8.874 ug/l	97
44) Bromodichloromethane	7.12	83	91841	9.553 ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	287700	45.296 ug/l	98
46) t-1,4-Dichloro-2-butene	10.83	75	38420m	20.337 ug/l	
47) Methyl methacrylate	6.98	69	72006	18.412 ug/l	98
48) Ethyl methacrylate	8.35	69	65860	9.150 ug/l	100
49) Toluene	7.98	92	151897	9.027 ug/l	98
50) t-1,3-Dichloropropene	8.22	75	84513	9.761 ug/l	96
51) cis-1,3-Dichloropropene	7.62	75	96650	9.497 ug/l	97
52) 1,1,2-Trichloroethane	8.41	97	48168	8.842 ug/l	96
53) 1,3-Dichloropropane	8.58	76	91887	8.785 ug/l	100
54) 2-Hexanone	8.70	43	206414	45.390 ug/l	98
55) Dibromochloromethane	8.82	129	53756	9.189 ug/l	97
56) 1,2-Dibromoethane	8.93	107	45123	8.596 ug/l	100
58) Tetrachloroethene	8.56	164	52411	9.256 ug/l	97
59) Chlorobenzene	9.45	112	158325	9.099 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	55074	9.387 ug/l	99
61) Pentachloroethane	11.43	117	42883	8.319 ug/l	98
62) Hexachloroethane	12.47	117	45441	9.618 ug/l	100
63) Ethyl Benzene	9.57	91	290390	9.312 ug/l	100
64) m/p-Xylenes	9.69	106	228713	18.772 ug/l	100
65) o-Xylene	10.10	106	107783	9.318 ug/l	97
66) Styrene	10.11	104	188232	9.495 ug/l	99
67) Bromoform	10.29	173	28284	9.478 ug/l	98
69) Isopropylbenzene	10.48	105	285860	9.252 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	67372	8.591 ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	46004m	7.787 ug/l	
72) Bromobenzene	10.78	156	62010	8.837 ug/l	97
73) n-propylbenzene	10.90	120	81105	9.336 ug/l	97
74) 2-Chlorotoluene	10.98	126	65092	8.870 ug/l	97
75) 1,3,5-Trimethylbenzene	11.09	105	249254	9.332 ug/l	100
76) 4-Chlorotoluene	11.10	126	71793	9.445 ug/l	97
77) tert-Butylbenzene	11.42	119	231660	9.041 ug/l	100
78) 1,2,4-Trimethylbenzene	11.47	105	259538	9.474 ug/l	99
79) sec-Butylbenzene	11.64	105	335747	9.206 ug/l	100
80) Nitrobenzene	13.20	77	8969	67.587 ug/l	99
81) p-Isopropyltoluene	11.79	119	273715	9.312 ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	127862	8.466 ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	131978	8.688 ug/l	99
84) n-Butylbenzene	12.20	91	286747	9.185 ug/l	100
85) 1,2-Dichlorobenzene	12.21	146	124806	8.574 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	12473	9.442 ug/l	94
87) 1,2,4-Trichlorobenzene	13.83	180	79436	8.725 ug/l	100
88) Hexachlorobutadiene	14.01	225	36475	8.822 ug/l	99
89) Naphthalene	14.08	128	170508	8.753 ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	76267	8.874 ug/l	100

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

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