Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072920\
Data File : VU039698.D
Acq On : 29 Jul 2020 12:09
Operator : SY/MD
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
7/31/2020 3:42:57 PM

Quant Time: Jul 30 01:32:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 30 01:17:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	24520	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	10078	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery = 105.00%			
68) 1,2-Dichlorobenzene-d4	12.19	152	9748	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery = 105.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	43734	5.222	ug/l	100
3) Chloromethane	1.53	50	53242	5.340	ug/l	99
4) Vinyl Chloride	1.61	62	50170	5.136	ug/l	97
5) Bromomethane	1.86	94	33366	5.508	ug/l	99
6) Chloroethane	1.94	64	34059	5.719	ug/l	98
7) Trichlorofluoromethane	2.15	101	66400	6.239	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	37745	5.782	ug/l	97
9) 1,1-Dichloroethene	2.59	96	35139	5.420	ug/l	98
10) Iodomethane	2.74	142	38117	8.837	ug/l	99
11) Allyl Chloride	2.94	41	75051	6.112	ug/l	100
12) Acrylonitrile	3.33	53	25416	13.796	ug/l	96
13) Acetone	2.64	43	59878	39.264	ug/l	96
14) Carbon Disulfide	2.81	76	127400	5.383	ug/l	99
15) Methylene Chloride	3.06	84	43900	4.880	ug/l	98
16) trans-1,2-Dichloroethene	3.37	96	39843	5.601	ug/l	97
17) 1,1-Dichloroethane	3.89	63	87204	6.280	ug/l	99
18) 2-Butanone	4.74	43	94690	40.245	ug/l	99
19) Cyclohexane	5.40	56	82990m	6.211	ug/l	
20) Methylcyclohexane	6.77	83	65360	5.170	ug/l	99
21) 2,2-Dichloropropane	4.68	77	70818	6.171	ug/l	100
22) cis-1,2-Dichloroethene	4.68	96	43235	5.736	ug/l	99
23) Diethyl Ether	2.39	59	34412	5.921	ug/l	95
24) tert-Butyl Alcohol	3.20	59	44879	67.730	ug/l	97
25) Methyl tert-Butyl Ether	3.39	73	114731	6.255	ug/l	99
26) Bromochloromethane	4.99	128	17101	5.624	ug/l	94
27) Chloroform	5.11	83	82057	6.323	ug/l	100
28) 1,1,1-Trichloroethane	5.33	97	68707	6.454	ug/l	97
29) 1,1-Dichloropropene	5.54	75	63849	6.015	ug/l	98
30) Carbon Tetrachloride	5.54	117	54755	6.171	ug/l	97
31) Isopropyl Ether	4.02	45	156578	6.731	ug/l	100
32) Ethyl-t-butyl ether	4.53	59	136786	6.594	ug/l	99
33) Tert-Amyl methyl ether	5.96	73	102005	5.874	ug/l	99
34) Propionitrile	4.80	54	23343	35.711	ug/l	98
35) Benzene	5.79	78	171155	5.875	ug/l	100
36) 1,2-Dichloroethane	5.81	62	63910	7.091	ug/l	99
37) Trichloroethene	6.55	130	36588	4.851	ug/l	95
38) 1,2-Dichloropropane	6.81	63	45265	5.692	ug/l	97
39) Methacrylonitrile	5.00	41	23119	7.491	ug/l	97
40) Methyl acrylate	4.87	55	32179	7.179	ug/l	97
41) Tetrahydrofuran	5.08	42	23289	15.013	ug/l	99
42) 1-Chlorobutane	5.47	56	100102	6.430	ug/l	99

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Operator : SY/MD
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

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Quant Time: Jul 30 01:32:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 30 01:17:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.93	93	23638	6.263 ug/l	99
44) Bromodichloromethane	7.12	83	54948	5.857 ug/l	100
45) 4-Methyl-2-Pentanone	7.81	43	184985	34.816 ug/l	98
46) t-1,4-Dichloro-2-butene	10.84	75	21730m	13.384 ug/l	
47) Methyl methacrylate	6.98	69	45854	11.991 ug/l	99
48) Ethyl methacrylate	8.35	69	41629	5.914 ug/l	97
49) Toluene	7.98	92	98321	5.343 ug/l	99
50) t-1,3-Dichloropropene	8.22	75	51494	5.448 ug/l	97
51) cis-1,3-Dichloropropene	7.62	75	58488	5.205 ug/l	97
52) 1,1,2-Trichloroethane	8.41	97	31990	6.063 ug/l	99
53) 1,3-Dichloropropane	8.58	76	58385	5.881 ug/l	99
54) 2-Hexanone	8.70	43	132453	35.155 ug/l	99
55) Dibromochloromethane	8.82	129	33807	5.789 ug/l	99
56) 1,2-Dibromoethane	8.93	107	30538	6.088 ug/l	98
58) Tetrachloroethene	8.56	164	31860	4.607 ug/l	96
59) Chlorobenzene	9.45	112	98886	5.081 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	34254	5.718 ug/l	99
61) Pentachloroethane	11.43	117	30675	6.615 ug/l	99
62) Hexachloroethane	12.47	117	28569	6.014 ug/l	99
63) Ethyl Benzene	9.57	91	184161	5.284 ug/l	99
64) m/p-Xylenes	9.70	106	148040	11.000 ug/l	100
65) o-Xylene	10.10	106	70391	5.396 ug/l	95
66) Styrene	10.11	104	121128	5.590 ug/l	99
67) Bromoform	10.29	173	18094	5.897 ug/l	95
69) Isopropylbenzene	10.48	105	182326	5.341 ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	45901	6.618 ug/l	100
71) 1,2,3-Trichloropropane	10.83	75	34387m	6.568 ug/l	
72) Bromobenzene	10.78	156	40533	5.341 ug/l	99
73) n-propylbenzene	10.91	120	52067	5.546 ug/l	99
74) 2-Chlorotoluene	10.99	126	42648	5.409 ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	165313	5.774 ug/l	99
76) 4-Chlorotoluene	11.10	126	45598	5.554 ug/l	98
77) tert-Butylbenzene	11.42	119	152808	5.620 ug/l	99
78) 1,2,4-Trimethylbenzene	11.47	105	168950	5.730 ug/l	100
79) sec-Butylbenzene	11.64	105	218689	5.627 ug/l	100
80) Nitrobenzene	13.20	77	3700	19.640 ug/l	98
81) p-Isopropyltoluene	11.79	119	179479	5.716 ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	87509	5.518 ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	86753	5.408 ug/l	98
84) n-Butylbenzene	12.20	91	186855	5.924 ug/l	99
85) 1,2-Dichlorobenzene	12.21	146	82682	5.558 ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	8354	7.402 ug/l	96
87) 1,2,4-Trichlorobenzene	13.83	180	51248	4.810 ug/l	99
88) Hexachlorobutadiene	14.01	225	23632	5.010 ug/l	98
89) Naphthalene	14.08	128	113179	5.399 ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	49999	5.240 ug/l	99

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

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 30 01:17:29 2020
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