Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102220\
Data File : VU040917.D
Acq On : 22 Oct 2020 21:57
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU102220

Quant Time: Oct 23 07:20:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 23 07:07:33 2020
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	i	Fluorobenzene	1.000	1.000	0.0	98	0.00
2	T	Dichlorodifluoromethane	0.466	0.183	60.7#	42	0.00
3	t	Chloromethane	0.486	0.274	43.6#	60	0.00
4	Rt	Vinyl Chloride	0.453	0.283	37.5#	64	0.00
5	T	Bromomethane	0.266	0.179	32.7#	79	0.00
6	T	Chloroethane	0.277	0.184	33.6#	71	0.00
7	T	Trichlorofluoromethane	0.572	0.420	26.6	75	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.318	0.231	27.4	74	0.00
9	Rt	1,1-Dichloroethene	0.277	0.212	23.5	77	0.00
10	t	Iodomethane	0.269	0.246	8.6	71	0.00
11	t	Allyl Chloride	0.570	0.474	16.8	85	0.00
12	t	Acrylonitrile	0.098	0.185	-88.8#	192	0.00
13	T	Acetone	0.082	0.066	19.5	87	0.02
14	T	Carbon Disulfide	1.041	0.628	39.7#	61	0.00
15	RT	Methylene Chloride	0.360	0.275	23.6	85	0.00
16	RT	trans-1,2-Dichloroethene	0.313	0.249	20.4	81	0.00
17	t	1,1-Dichloroethane	0.641	0.529	17.5	85	0.00
18	T	2-Butanone	0.132	0.113	14.4	86	0.01
19		Cyclohexane	0.603	0.390	35.3#	65	0.00
20		Methylcyclohexane	0.451	0.330	26.8	65	0.00
21	T	2,2-Dichloropropane	0.541	0.428	20.9	84	0.00
22	RT	cis-1,2-Dichloroethene	0.334	0.289	13.5	92	0.00
23	t	Diethyl Ether	0.273	0.212	22.3	78	0.00
24	t	tert-Butyl Alcohol	0.031	0.010	67.7#	31	0.05
25	t	Methyl tert-Butyl Ether	0.859	0.660	23.2	78	0.00
26	t	Bromochloromethane	0.145	0.133	8.3	94	0.00
27	t	Chloroform	0.613	0.530	13.5	89	0.00
28	RT	1,1,1-Trichloroethane	0.528	0.436	17.4	85	0.00
29	T	1,1-Dichloropropene	0.463	0.374	19.2	82	0.00
30	RT	Carbon Tetrachloride	0.478	0.393	17.8	85	0.00
31	t	Isopropyl Ether	0.991	0.900	9.2	93	0.00
32		Ethyl-t-butyl ether	0.873	0.000	100.0#	0#	-4.53#
33		Tert-Amyl methyl ether	0.650	0.000	100.0#	0#	-5.96#
34	t	Propionitrile	0.036	0.058	-61.1#	165	0.02
35	RT	Benzene	1.283	1.106	13.8	86	0.00
36	RT	1,2-Dichloroethane	0.476	0.405	14.9	88	0.00
37	RT	Trichloroethene	0.303	0.253	16.5	84	0.00
38	Rt	1,2-Dichloropropane	0.364	0.320	12.1	87	0.00
39	t	Methacrylonitrile	0.170	0.148	12.9	88	0.00
40	t	Methyl acrylate	0.233	0.253	-8.6	108	0.00
41	t	Tetrahydrofuran	0.088	0.164	-86.4#	198	0.00
42	t	1-Chlorobutane	0.700	0.516	26.3	74	0.00
43	T	Dibromomethane	0.204	0.172	15.7	87	0.00
44	T	Bromodichloromethane	0.474	0.431	9.1	91	0.00
45	T	4-Methyl-2-Pentanone	0.268	0.263	1.9	88	0.00
46	t	t-1,4-Dichloro-2-butene	0.106	0.058	45.3#	53	0.00

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Quant Time: Oct 23 07:20:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 23 07:07:33 2020
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Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47	t	Methyl methacrylate	0.170	0.079	53.5#	41	0.00
48	t	Ethyl methacrylate	0.287	0.293	-2.1	90	0.00
49	Rt	Toluene	0.706	0.676	4.2	86	0.00
50	T	t-1,3-Dichloropropene	0.409	0.392	4.2	90	0.00
51	T	cis-1,3-Dichloropropene	0.449	0.417	7.1	88	0.00
52	RT	1,1,2-Trichloroethane	0.258	0.245	5.0	94	0.00
53	t	1,3-Dichloropropane	0.463	0.425	8.2	90	0.00
54	t	2-Hexanone	0.187	0.187	0.0	90	0.00
55	t	Dibromochloromethane	0.309	0.282	8.7	92	0.00
56	T	1,2-Dibromoethane	0.239	0.230	3.8	94	0.00
57	S	4-Bromofluorobenzene	0.365	0.417	-14.2	107	0.00
58	RT	Tetrachloroethene	0.284	0.238	16.2	85	0.00
59	Rt	Chlorobenzene	0.747	0.690	7.6	88	0.00
60	T	1,1,1,2-Tetrachloroethane	0.293	0.269	8.2	91	0.00
61	t	Pentachloroethane	0.237	0.226	4.6	97	0.00
62	t	Hexachloroethane	0.241	0.211	12.4	84	0.00
63	Rt	Ethyl Benzene	1.237	1.269	-2.6	89	0.00
64	RT	m/p-Xylenes	0.471	0.498	-5.7	88	0.00
65	RT	o-Xylene	0.434	0.446	-2.8	87	0.00
66	RT	Styrene	0.768	0.828	-7.8	88	0.00
67	t	Bromoform	0.167	0.157	6.0	92	0.00
68	S	1,2-Dichlorobenzene-d4	0.381	0.376	1.3	98	0.00
69	T	Isopropylbenzene	1.159	1.270	-9.6	94	0.00
70	T	1,1,2,2-Tetrachloroethane	0.351	0.329	6.3	92	0.00
71	T	1,2,3-Trichloropropane	0.268	0.269	-0.4	90	0.00
72	t	Bromobenzene	0.302	0.297	1.7	91	0.00
73	t	n-propylbenzene	0.331	0.341	-3.0	86	0.00
74	t	2-Chlorotoluene	0.301	0.298	1.0	89	0.00
75	t	1,3,5-Trimethylbenzene	1.034	1.132	-9.5	92	0.00
76	t	4-Chlorotoluene	0.312	0.325	-4.2	90	0.00
77	t	tert-Butylbenzene	0.979	1.000	-2.1	90	0.00
78	t	1,2,4-Trimethylbenzene	1.060	1.164	-9.8	91	0.00
79	t	sec-Butylbenzene	1.360	1.323	2.7	83	0.00
80		Nitrobenzene	0.017	0.003	82.4#	18#	0.00
81	t	p-Isopropyltoluene	1.119	1.232	-10.1	91	0.00
82	t	1,3-Dichlorobenzene	0.659	0.612	7.1	89	0.00
83	Rt	1,4-Dichlorobenzene	0.666	0.629	5.6	92	0.00
84	t	n-Butylbenzene	1.138	1.225	-7.6	91	0.00
85	Rt	1,2-Dichlorobenzene	0.630	0.600	4.8	91	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.066	0.063	4.5	97	0.00
87	Rt	1,2,4-Trichlorobenzene	0.369	0.411	-11.4	100	0.00
88	t	Hexachlorobutadiene	0.207	0.202	2.4	94	0.00
89	t	Naphthalene	0.714	0.865	-21.1	97	0.00
90	t	1,2,3-Trichlorobenzene	0.359	0.397	-10.6	95	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0