Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090121\
Data File : VU044552.D
Acq On : 01 Sep 2021 16:04
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
LabSampleId : VSTDCCC010

Quant Time: Sep 02 11:46:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U083121DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Sep 01 01:29:46 2021
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	100	0.00
2	T	Dichlorodifluoromethane	0.400	0.410	-2.5	93	0.00
3	t	Chloromethane	0.457	0.429	6.1	90	0.00
4	Rt	Vinyl Chloride	0.527	0.525	0.4	91	0.00
5	T	Bromomethane	0.423	0.428	-1.2	94	0.00
6	T	Chloroethane	0.396	0.391	1.3	92	0.00
7	T	Trichlorofluoromethane	0.847	0.889	-5.0	94	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.513	0.526	-2.5	93	0.00
9	Rt	1,1-Dichloroethene	0.474	0.481	-1.5	92	0.00
10	t	Iodomethane	0.572	0.450	21.3	68	0.00
11	t	Allyl Chloride	0.541	0.535	1.1	91	0.00
12	t	Acrylonitrile	0.086	0.113	-31.4#	117	0.00
13	T	Acetone	0.050	0.055	-10.0	122	0.00
14	T	Carbon Disulfide	1.377	1.412	-2.5	92	0.00
15	RT	Methylene Chloride	0.739	0.593	19.8	98	0.00
16	RT	trans-1,2-Dichloroethene	0.512	0.531	-3.7	94	0.00
17	t	1,1-Dichloroethane	0.862	0.883	-2.4	93	0.00
18	T	2-Butanone	0.093	0.112	-20.4	112	0.00
19		Cyclohexane	0.779	0.672	13.7	77	0.00
20		Methylcyclohexane	0.453	0.484	-6.8	92	0.00
21	T	2,2-Dichloropropane	0.785	0.765	2.5	94	0.00
22	RT	cis-1,2-Dichloroethene	0.584	0.618	-5.8	96	0.00
23	t	Diethyl Ether	0.337	0.331	1.8	88	0.00
24	t	tert-Butyl Alcohol	0.018	0.030	-66.7#	148	0.00
25	t	Methyl tert-Butyl Ether	1.169	1.197	-2.4	94	0.00
26	t	Bromochloromethane	0.276	0.276	0.0	92	0.00
27	t	Chloroform	1.006	1.026	-2.0	95	0.00
28	RT	1,1,1-Trichloroethane	0.861	0.893	-3.7	94	0.00
29	T	1,1-Dichloropropene	0.378	0.400	-5.8	97	0.00
30	RT	Carbon Tetrachloride	0.375	0.402	-7.2	95	0.00
31	t	Isopropyl Ether	1.216	1.263	-3.9	94	0.00
32		Ethyl-t-butyl ether	1.334	1.375	-3.1	94	0.00
33		Tert-Amyl methyl ether	0.643	0.691	-7.5	96	0.00
34	t	Propionitrile	0.026	0.034	-30.8#	119	0.00
35	RT	Benzene	1.086	1.113	-2.5	93	0.00
36	RT	1,2-Dichloroethane	0.354	0.369	-4.2	94	0.00
37	RT	Trichloroethene	0.313	0.323	-3.2	94	0.00
38	Rt	1,2-Dichloropropane	0.274	0.286	-4.4	92	0.00
39	t	Methacrylonitrile	0.144	0.153	-6.3	98	0.00
40	t	Methyl acrylate	0.235	0.321	-36.6#	130	0.00
41	t	Tetrahydrofuran	0.070	0.071	-1.4	112	0.00
42	t	1-Chlorobutane	0.487	0.499	-2.5	93	0.00
43	T	Dibromomethane	0.167	0.176	-5.4	95	0.00
44	T	Bromodichloromethane	0.387	0.409	-5.7	91	0.00
45	T	4-Methyl-2-Pentanone	0.171	0.181	-5.8	90	0.00
46	t	t-1,4-Dichloro-2-butene	0.072	0.069	4.2	79	0.00
47	t	Methyl methacrylate	0.139	0.153	-10.1	97	0.00
48	t	Ethyl methacrylate	0.282	0.299	-6.0	88	0.00
49	Rt	Toluene	0.717	0.784	-9.3	93	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.340	0.374	-10.0	90	0.00
51	T	cis-1,3-Dichloropropene	0.387	0.426	-10.1	91	0.00
52	RT	1,1,2-Trichloroethane	0.238	0.251	-5.5	92	0.00
53	t	1,3-Dichloropropane	0.409	0.419	-2.4	91	0.00
54	t	2-Hexanone	0.122	0.129	-5.7	89	0.00
55	t	Dibromochloromethane	0.270	0.293	-8.5	92	0.00
56	T	1,2-Dibromoethane	0.234	0.244	-4.3	89	0.00
57	S	4-Bromofluorobenzene	0.383	0.392	-2.3	92	0.00
58	RT	Tetrachloroethene	0.295	0.309	-4.7	93	0.00
59	Rt	Chlorobenzene	0.812	0.886	-9.1	95	0.00
60	T	1,1,1,2-Tetrachloroethane	0.291	0.314	-7.9	94	0.00
61	t	Pentachloroethane	0.231	0.258	-11.7	93	0.00
62	t	Hexachloroethane	0.232	0.260	-12.1	91	0.00
63	Rt	Ethyl Benzene	1.343	1.534	-14.2	94	0.00
64	RT	m/p-Xylenes	0.539	0.629	-16.7	95	0.00
65	RT	o-Xylene	0.522	0.586	-12.3	92	0.00
66	RT	Styrene	0.883	1.039	-17.7	93	0.00
67	t	Bromoform	0.152	0.165	-8.6	90	0.00
68	S	1,2-Dichlorobenzene-d4	0.444	0.471	-6.1	98	0.00
69	T	Isopropylbenzene	1.361	1.563	-14.8	94	0.00
70	T	1,1,2,2-Tetrachloroethane	0.321	0.326	-1.6	90	0.00
71	T	1,2,3-Trichloropropane	0.229	0.207	9.6	83	0.00
72	t	Bromobenzene	0.349	0.388	-11.2	94	0.00
73	t	n-propylbenzene	0.380	0.447	-17.6	94	0.00
74	t	2-Chlorotoluene	0.341	0.378	-10.9	92	0.00
75	t	1,3,5-Trimethylbenzene	1.181	1.387	-17.4	93	0.00
76	t	4-Chlorotoluene	0.363	0.416	-14.6	93	0.00
77	t	tert-Butylbenzene	1.176	1.343	-14.2	92	0.00
78	t	1,2,4-Trimethylbenzene	1.205	1.423	-18.1	94	0.00
79	t	sec-Butylbenzene	1.595	1.853	-16.2	93	0.00
80		Nitrobenzene	0.007	0.009	-28.6	90	0.00
81	t	p-Isopropyltoluene	1.308	1.597	-22.1	95	0.00
82	t	1,3-Dichlorobenzene	0.700	0.794	-13.4	95	0.00
83	Rt	1,4-Dichlorobenzene	0.705	0.816	-15.7	97	0.00
84	t	n-Butylbenzene	1.242	1.547	-24.6	96	0.00
85	Rt	1,2-Dichlorobenzene	0.703	0.778	-10.7	93	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.048	0.055	-14.6	88	0.00
87	Rt	1,2,4-Trichlorobenzene	0.440	0.537	-22.0	98	0.00
88	t	Hexachlorobutadiene	0.245	0.275	-12.2	97	0.00
89	t	Naphthalene	0.859	1.004	-16.9	95	0.00
90	t	1,2,3-Trichlorobenzene	0.426	0.502	-17.8	96	0.00

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