Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101521\
Data File : VU045323.D
Acq On : 15 Oct 2021 15:55
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Oct 16 01:11:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Oct 14 05:46:27 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	96	0.00
2	T	Dichlorodifluoromethane	0.382	0.382	0.0	97	0.00
3	t	Chloromethane	0.398	0.404	-1.5	102	0.00
4	Rt	Vinyl Chloride	0.413	0.429	-3.9	101	0.00
5	T	Bromomethane	0.227	0.197	13.2	87	0.00
6	T	Chloroethane	0.268	0.261	2.6	99	0.00
7	T	Trichlorofluoromethane	0.481	0.474	1.5	97	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.278	0.288	-3.6	100	0.00
9	Rt	1,1-Dichloroethene	0.260	0.263	-1.2	98	0.00
10	t	Iodomethane	0.272	0.298	-9.6	94	0.00
11	t	Allyl Chloride	0.382	0.401	-5.0	100	0.00
12	t	Acrylonitrile	0.066	0.064	3.0	90	0.00
13	T	Acetone	0.079	0.079	0.0	99	0.00
14	T	Carbon Disulfide	0.793	0.793	0.0	96	0.00
15	RT	Methylene Chloride	0.315	0.333	-5.7	108	0.00
16	RT	trans-1,2-Dichloroethene	0.279	0.281	-0.7	97	0.00
17	t	1,1-Dichloroethane	0.524	0.558	-6.5	102	0.00
18	T	2-Butanone	0.101	0.101	0.0	95	0.00
19		Cyclohexane	0.485	0.506	-4.3	99	0.00
20		Methylcyclohexane	0.482	0.499	-3.5	96	0.00
21	T	2,2-Dichloropropane	0.446	0.460	-3.1	99	0.00
22	RT	cis-1,2-Dichloroethene	0.307	0.323	-5.2	100	0.00
23	t	Diethyl Ether	0.246	0.240	2.4	96	0.00
24	t	tert-Butyl Alcohol	0.019	0.020	-5.3	115	0.00
25	t	Methyl tert-Butyl Ether	0.726	0.708	2.5	94	0.00
26	t	Bromochloromethane	0.131	0.130	0.8	97	0.00
27	t	Chloroform	0.537	0.544	-1.3	100	0.00
28	RT	1,1,1-Trichloroethane	0.440	0.458	-4.1	100	0.00
29	T	1,1-Dichloropropene	0.402	0.414	-3.0	98	0.00
30	RT	Carbon Tetrachloride	0.341	0.354	-3.8	99	0.00
31	t	Isopropyl Ether	0.830	0.882	-6.3	100	0.00
32		Ethyl-t-butyl ether	0.836	0.858	-2.6	97	0.00
33		Tert-Amyl methyl ether	0.740	0.735	0.7	92	0.00
34	t	Propionitrile	0.025	0.025	0.0	95	0.00
35	RT	Benzene	1.162	1.210	-4.1	101	0.00
36	RT	1,2-Dichloroethane	0.371	0.361	2.7	95	0.00
37	RT	Trichloroethene	0.283	0.288	-1.8	96	0.00
38	Rt	1,2-Dichloropropane	0.301	0.317	-5.3	100	0.00
39	t	Methacrylonitrile	0.099	0.103	-4.0	100	0.00
40	t	Methyl acrylate	0.165	0.159	3.6	84	0.00
41	t	Tetrahydrofuran	0.057	0.049	14.0	87	0.00
42	t	1-Chlorobutane	0.577	0.600	-4.0	100	0.00
43	T	Dibromomethane	0.150	0.147	2.0	94	0.00
44	T	Bromodichloromethane	0.373	0.389	-4.3	98	0.00
45	T	4-Methyl-2-Pentanone	0.204	0.191	6.4	88	0.00
46	t	t-1,4-Dichloro-2-butene	0.072	0.072	0.0	87	0.00
47	t	Methyl methacrylate	0.152	0.146	3.9	89	0.00
48	t	Ethyl methacrylate	0.300	0.295	1.7	88	0.00
49	Rt	Toluene	0.715	0.745	-4.2	98	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.365	0.368	-0.8	93	0.00
51	T	cis-1,3-Dichloropropene	0.427	0.437	-2.3	95	0.00
52	RT	1,1,2-Trichloroethane	0.216	0.215	0.5	95	0.00
53	t	1,3-Dichloropropane	0.402	0.390	3.0	95	0.00
54	t	2-Hexanone	0.158	0.153	3.2	91	0.00
55	t	Dibromochloromethane	0.227	0.230	-1.3	94	0.00
56	T	1,2-Dibromoethane	0.203	0.199	2.0	92	0.00
57	S	4-Bromofluorobenzene	0.367	0.361	1.6	91	0.00
58	RT	Tetrachloroethene	0.255	0.269	-5.5	103	0.00
59	Rt	Chlorobenzene	0.741	0.749	-1.1	96	0.00
60	T	1,1,1,2-Tetrachloroethane	0.246	0.258	-4.9	99	0.00
61	t	Pentachloroethane	0.179	0.186	-3.9	94	0.00
62	t	Hexachloroethane	0.188	0.201	-6.9	97	0.00
63	Rt	Ethyl Benzene	1.331	1.408	-5.8	97	0.00
64	RT	m/p-Xylenes	0.505	0.538	-6.5	97	0.00
65	RT	o-Xylene	0.493	0.518	-5.1	97	0.00
66	RT	Styrene	0.807	0.875	-8.4	97	0.00
67	t	Bromoform	0.119	0.119	0.0	91	0.00
68	S	1,2-Dichlorobenzene-d4	0.344	0.345	-0.3	92	0.00
69	T	Isopropylbenzene	1.296	1.366	-5.4	96	0.00
70	T	1,1,2,2-Tetrachloroethane	0.277	0.265	4.3	91	0.00
71	T	1,2,3-Trichloropropane	0.228	0.197	13.6	90	0.00
72	t	Bromobenzene	0.286	0.289	-1.0	95	0.00
73	t	n-propylbenzene	0.339	0.362	-6.8	96	0.00
74	t	2-Chlorotoluene	0.293	0.303	-3.4	96	0.00
75	t	1,3,5-Trimethylbenzene	1.081	1.152	-6.6	96	0.00
76	t	4-Chlorotoluene	0.299	0.315	-5.4	96	0.00
77	t	tert-Butylbenzene	1.049	1.093	-4.2	96	0.00
78	t	1,2,4-Trimethylbenzene	1.104	1.170	-6.0	95	0.00
79	t	sec-Butylbenzene	1.447	1.517	-4.8	96	0.00
80		Nitrobenzene	0.008	0.007	12.5	79	0.00
81	t	p-Isopropyltoluene	1.160	1.236	-6.6	95	0.00
82	t	1,3-Dichlorobenzene	0.572	0.573	-0.2	95	0.00
83	Rt	1,4-Dichlorobenzene	0.565	0.565	0.0	94	0.00
84	t	n-Butylbenzene	1.106	1.185	-7.1	93	0.00
85	Rt	1,2-Dichlorobenzene	0.543	0.541	0.4	94	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.046	0.043	6.5	85	0.00
87	Rt	1,2,4-Trichlorobenzene	0.335	0.332	0.9	88	0.00
88	t	Hexachlorobutadiene	0.157	0.165	-5.1	97	0.00
89	t	Naphthalene	0.658	0.611	7.1	80	0.00
90	t	1,2,3-Trichlorobenzene	0.311	0.307	1.3	88	0.00

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