Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101922\
Data File : VU051460.D
Acq On : 19 Oct 2022 16:25
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Oct 20 07:14:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 18 04:53:19 2022
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	93	0.00
2	T	Dichlorodifluoromethane	0.349	0.330	5.4	85	0.00
3	t	Chloromethane	0.550	0.444	19.3	84	0.00
4	Rt	Vinyl Chloride	0.476	0.424	10.9	86	0.00
5	T	Bromomethane	0.266	0.269	-1.1	100	0.00
6	T	Chloroethane	0.272	0.270	0.7	96	0.00
7	T	Trichlorofluoromethane	0.532	0.510	4.1	89	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.294	0.287	2.4	92	0.00
9	Rt	1,1-Dichloroethene	0.307	0.290	5.5	91	0.00
10	t	Iodomethane	0.398	0.409	-2.8	96	0.00
11	t	Allyl Chloride	0.468	0.438	6.4	90	0.00
12	t	Acrylonitrile	0.090	0.087	3.3	93	0.00
13	T	Acetone	0.065	0.058	10.8	87	0.00
14	T	Carbon Disulfide	1.094	1.018	6.9	90	0.00
15	RT	Methylene Chloride	0.449	0.405	9.8	101	0.00
16	RT	trans-1,2-Dichloroethene	0.352	0.329	6.5	92	0.00
17	t	1,1-Dichloroethane	0.633	0.588	7.1	90	0.00
18	T	2-Butanone	0.079	0.081	-2.5	86	0.00
19		Cyclohexane	0.392	0.419	-6.9	84	0.00
20		Methylcyclohexane	0.389	0.428	-10.0	82	0.00
21	T	2,2-Dichloropropane	0.442	0.416	5.9	91	0.00
22	RT	cis-1,2-Dichloroethene	0.333	0.338	-1.5	91	0.00
23	t	Diethyl Ether	0.268	0.252	6.0	89	0.00
24	t	tert-Butyl Alcohol	0.028	0.024	14.3	81	0.00
25	t	Methyl tert-Butyl Ether	0.798	0.769	3.6	90	0.00
26	t	Bromochloromethane	0.162	0.157	3.1	91	0.00
27	t	Chloroform	0.641	0.614	4.2	93	0.00
28	RT	1,1,1-Trichloroethane	0.511	0.481	5.9	90	0.00
29	T	1,1-Dichloropropene	0.392	0.403	-2.8	86	0.00
30	RT	Carbon Tetrachloride	0.432	0.401	7.2	88	0.00
31	t	Isopropyl Ether	0.748	0.740	1.1	89	0.00
32		Ethyl-t-butyl ether	0.683	0.681	0.3	86	0.00
33		Tert-Amyl methyl ether	0.600	0.642	-7.0	87	0.00
34	t	Propionitrile	0.027	0.027	0.0	88	0.00
35	RT	Benzene	1.315	1.302	1.0	90	0.00
36	RT	1,2-Dichloroethane	0.406	0.396	2.5	93	0.00
37	RT	Trichloroethene	0.309	0.297	3.9	88	0.00
38	Rt	1,2-Dichloropropane	0.361	0.358	0.8	92	0.00
39	t	Methacrylonitrile	0.091	0.095	-4.4	87	0.00
40	t	Methyl acrylate	0.145	0.153	-5.5	88	0.00
41	t	Tetrahydrofuran	0.048	0.047	2.1	85	0.00
42	t	1-Chlorobutane	0.535	0.551	-3.0	87	0.00
43	T	Dibromomethane	0.187	0.183	2.1	92	0.00
44	T	Bromodichloromethane	0.453	0.440	2.9	92	0.00
45	T	4-Methyl-2-Pentanone	0.178	0.189	-6.2	83	0.00
46	t	t-1,4-Dichloro-2-butene	0.099	0.089	10.1	81	0.00
47	t	Methyl methacrylate	0.143	0.162	-13.3	87	0.00
48	t	Ethyl methacrylate	0.240	0.267	-11.3	83	0.00
49	Rt	Toluene	0.721	0.784	-8.7	90	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.364	0.375	-3.0	89	0.00
51	T	cis-1,3-Dichloropropene	0.429	0.425	0.9	87	0.00
52	RT	1,1,2-Trichloroethane	0.267	0.261	2.2	91	0.00
53	t	1,3-Dichloropropane	0.431	0.436	-1.2	89	0.00
54	t	2-Hexanone	0.123	0.134	-8.9	83	0.00
55	t	Dibromochloromethane	0.291	0.293	-0.7	92	0.00
56	T	1,2-Dibromoethane	0.235	0.240	-2.1	91	0.00
57	S	4-Bromofluorobenzene	0.351	0.358	-2.0	87	0.00
58	RT	Tetrachloroethene	0.269	0.262	2.6	88	0.00
59	Rt	Chlorobenzene	0.791	0.813	-2.8	89	0.00
60	T	1,1,1,2-Tetrachloroethane	0.303	0.299	1.3	93	0.00
61	t	Pentachloroethane	0.270	0.266	1.5	91	0.00
62	t	Hexachloroethane	0.257	0.250	2.7	89	0.00
63	Rt	Ethyl Benzene	1.200	1.367	-13.9	87	0.00
64	RT	m/p-Xylenes	0.478	0.586	-22.6	89	0.00
65	RT	o-Xylene	0.465	0.536	-15.3	88	0.00
66	RT	Styrene	0.772	0.938	-21.5	89	0.00
67	t	Bromoform	0.163	0.165	-1.2	90	0.00
68	S	1,2-Dichlorobenzene-d4	0.392	0.394	-0.5	90	0.00
69	T	Isopropylbenzene	1.146	1.326	-15.7	87	0.00
70	T	1,1,2,2-Tetrachloroethane	0.361	0.348	3.6	87	0.00
71	T	1,2,3-Trichloropropane	0.269	0.279	-3.7	98	0.00
72	t	Bromobenzene	0.315	0.334	-6.0	90	0.00
73	t	n-propylbenzene	0.322	0.388	-20.5	87	0.00
74	t	2-Chlorotoluene	0.306	0.349	-14.1	89	0.00
75	t	1,3,5-Trimethylbenzene	1.038	1.288	-24.1	89	0.00
76	t	4-Chlorotoluene	0.313	0.375	-19.8	93	0.00
77	t	tert-Butylbenzene	1.014	1.133	-11.7	88	0.00
78	t	1,2,4-Trimethylbenzene	1.080	1.340	-24.1	89	0.00
79	t	sec-Butylbenzene	1.342	1.573	-17.2	87	0.00
80		Nitrobenzene	0.018	0.015	16.7	73	0.00
81	t	p-Isopropyltoluene	1.074	1.330	-23.8	88	0.00
82	t	1,3-Dichlorobenzene	0.676	0.708	-4.7	90	0.00
83	Rt	1,4-Dichlorobenzene	0.662	0.716	-8.2	89	0.00
84	t	n-Butylbenzene	1.065	1.196	-12.3	83	0.00
85	Rt	1,2-Dichlorobenzene	0.666	0.694	-4.2	90	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.057	0.054	5.3	86	0.00
87	Rt	1,2,4-Trichlorobenzene	0.361	0.339	6.1	80	0.00
88	t	Hexachlorobutadiene	0.235	0.235	0.0	86	0.00
89	t	Naphthalene	0.755	0.641	15.1	70	0.00
90	t	1,2,3-Trichlorobenzene	0.395	0.377	4.6	83	0.00

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