Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102124\
Data File : VU061176.D
Acq On : 21 Oct 2024 16:55
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Oct 22 01:23:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 18 02:52:28 2024
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	91	0.00
2	T	Dichlorodifluoromethane	0.551	0.555	-0.7	85	0.00
3	t	Chloromethane	0.524	0.530	-1.1	89	0.00
4	Rt	Vinyl Chloride	0.538	0.554	-3.0	87	0.00
5	T	Bromomethane	0.338	0.338	0.0	84	0.00
6	T	Chloroethane	0.361	0.368	-1.9	88	0.00
7	T	Trichlorofluoromethane	0.766	0.778	-1.6	88	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.381	0.389	-2.1	85	0.00
9	Rt	1,1-Dichloroethene	0.397	0.407	-2.5	86	0.00
10	t	Iodomethane	0.472	0.517	-9.5	90	0.00
11	t	Allyl Chloride	0.511	0.511	0.0	83	0.00
12	t	Acrylonitrile	0.080	0.087	-8.7	94	0.00
13	T	Acetone	0.104	0.099	4.8	76	0.00
14	T	Carbon Disulfide	1.367	1.348	1.4	84	0.00
15	RT	Methylene Chloride	0.513	0.482	6.0	86	0.00
16	RT	trans-1,2-Dichloroethene	0.465	0.476	-2.4	86	0.00
17	t	1,1-Dichloroethane	0.825	0.860	-4.2	88	0.00
18	T	2-Butanone	0.127	0.127	0.0	81	0.00
19		Cyclohexane	0.739	0.735	0.5	84	0.00
20		Methylcyclohexane	0.824	0.837	-1.6	82	0.00
21	T	2,2-Dichloropropane	0.761	0.740	2.8	82	0.00
22	RT	cis-1,2-Dichloroethene	0.507	0.525	-3.6	87	0.00
23	t	Diethyl Ether	0.308	0.316	-2.6	91	0.00
24	t	tert-Butyl Alcohol	0.032	0.033	-3.1	98	0.00
25	t	Methyl tert-Butyl Ether	1.063	1.109	-4.3	89	0.00
26	t	Bromochloromethane	0.212	0.225	-6.1	91	0.00
27	t	Chloroform	0.865	0.889	-2.8	87	0.00
28	RT	1,1,1-Trichloroethane	0.763	0.786	-3.0	86	0.00
29	T	1,1-Dichloropropene	0.674	0.693	-2.8	86	0.00
30	RT	Carbon Tetrachloride	0.662	0.693	-4.7	86	0.00
31	t	Isopropyl Ether	1.177	1.209	-2.7	86	0.00
32		Ethyl-t-butyl ether	1.210	1.249	-3.2	87	0.00
33		Tert-Amyl methyl ether	1.089	1.171	-7.5	90	0.00
34	t	Propionitrile	0.030	0.034	-13.3	90	0.00
35	RT	Benzene	1.898	1.983	-4.5	87	0.00
36	RT	1,2-Dichloroethane	0.536	0.564	-5.2	88	0.00
37	RT	Trichloroethene	0.507	0.528	-4.1	87	0.00
38	Rt	1,2-Dichloropropane	0.481	0.508	-5.6	88	0.00
39	t	Methacrylonitrile	0.109	0.129	-18.3	92	0.00
40	t	Methyl acrylate	0.222	0.247	-11.3	97	0.00
41	t	Tetrahydrofuran	0.066	0.069	-4.5	95	0.00
42	t	1-Chlorobutane	0.865	0.887	-2.5	84	0.00
43	T	Dibromomethane	0.249	0.268	-7.6	92	0.00
44	T	Bromodichloromethane	0.606	0.640	-5.6	88	0.00
45	T	4-Methyl-2-Pentanone	0.250	0.267	-6.8	90	0.00
46	t	t-1,4-Dichloro-2-butene	0.100	0.112	-12.0	86	0.00
47	t	Methyl methacrylate	0.217	0.242	-11.5	91	0.00
48	t	Ethyl methacrylate	0.462	0.507	-9.7	90	0.00
49	Rt	Toluene	1.199	1.267	-5.7	87	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.584	0.631	-8.0	88	0.00
51	T	cis-1,3-Dichloropropene	0.717	0.758	-5.7	86	0.00
52	RT	1,1,2-Trichloroethane	0.336	0.365	-8.6	92	0.00
53	t	1,3-Dichloropropane	0.591	0.639	-8.1	91	0.00
54	t	2-Hexanone	0.206	0.203	1.5	79	0.00
55	t	Dibromochloromethane	0.397	0.435	-9.6	89	0.00
56	T	1,2-Dibromoethane	0.323	0.348	-7.7	90	0.00
57	S	4-Bromofluorobenzene	0.531	0.544	-2.4	88	0.00
58	RT	Tetrachloroethene	0.430	0.451	-4.9	88	0.00
59	Rt	Chlorobenzene	1.292	1.375	-6.4	88	0.00
60	T	1,1,1,2-Tetrachloroethane	0.436	0.475	-8.9	90	0.00
61	t	Pentachloroethane	0.333	0.369	-10.8	88	0.00
62	t	Hexachloroethane	0.344	0.384	-11.6	88	0.00
63	Rt	Ethyl Benzene	2.314	2.428	-4.9	86	0.00
64	RT	m/p-Xylenes	0.881	0.940	-6.7	87	0.00
65	RT	o-Xylene	0.867	0.917	-5.8	87	0.00
66	RT	Styrene	1.349	1.479	-9.6	88	0.00
67	t	Bromoform	0.208	0.236	-13.5	90	0.00
68	S	1,2-Dichlorobenzene-d4	0.524	0.558	-6.5	92	0.00
69	T	Isopropylbenzene	2.064	2.204	-6.8	87	0.00
70	T	1,1,2,2-Tetrachloroethane	0.408	0.450	-10.3	93	0.00
71	T	1,2,3-Trichloropropane	0.333	0.324	2.7	84	0.00
72	t	Bromobenzene	0.496	0.526	-6.0	88	0.00
73	t	n-propylbenzene	0.602	0.659	-9.5	87	0.00
74	t	2-Chlorotoluene	0.521	0.562	-7.9	88	0.00
75	t	1,3,5-Trimethylbenzene	1.861	1.998	-7.4	86	0.00
76	t	4-Chlorotoluene	0.529	0.575	-8.7	88	0.00
77	t	tert-Butylbenzene	1.839	1.986	-8.0	87	0.00
78	t	1,2,4-Trimethylbenzene	1.878	2.029	-8.0	87	0.00
79	t	sec-Butylbenzene	2.395	2.632	-9.9	88	0.00
80		Nitrobenzene	0.009	0.011	-22.2	89	0.00
81	t	p-Isopropyltoluene	1.983	2.151	-8.5	87	0.00
82	t	1,3-Dichlorobenzene	0.952	1.040	-9.2	88	0.00
83	Rt	1,4-Dichlorobenzene	0.949	1.036	-9.2	88	0.00
84	t	n-Butylbenzene	1.840	2.013	-9.4	85	0.00
85	Rt	1,2-Dichlorobenzene	0.890	0.973	-9.3	90	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.061	0.072	-18.0	90	0.00
87	Rt	1,2,4-Trichlorobenzene	0.509	0.577	-13.4	87	0.00
88	t	Hexachlorobutadiene	0.288	0.315	-9.4	88	0.00
89	t	Naphthalene	0.898	1.014	-12.9	88	0.00
90	t	1,2,3-Trichlorobenzene	0.457	0.529	-15.8	90	0.00

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