Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072423\
Data File : VU054849.D
Acq On : 24 Jul 2023 09:58
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jul 25 02:12:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072123DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Jul 24 09:59:15 2023
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	106	0.00
2	T	Dichlorodifluoromethane	0.199	0.203	-2.0	108	0.00
3	t	Chloromethane	0.231	0.219	5.2	108	0.00
4	Rt	Vinyl Chloride	0.297	0.296	0.3	106	0.00
5	T	Bromomethane	0.211	0.220	-4.3	113	0.00
6	T	Chloroethane	0.280	0.300	-7.1	119	0.00
7	T	Trichlorofluoromethane	0.719	0.716	0.4	100	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.206	0.215	-4.4	109	0.00
9	Rt	1,1-Dichloroethene	0.172	0.181	-5.2	109	0.00
10	t	Iodomethane	0.277	0.282	-1.8	104	0.00
11	t	Allyl Chloride	0.202	0.214	-5.9	115	0.00
12	t	Acrylonitrile	0.042	0.045	-7.1	114	0.00
13	T	Acetone	0.036	0.040	-11.1	138	0.00
14	T	Carbon Disulfide	0.290	0.298	-2.8	106	0.00
15	RT	Methylene Chloride	0.321	0.222	30.8#	97	0.00
16	RT	trans-1,2-Dichloroethene	0.191	0.192	-0.5	106	0.00
17	t	1,1-Dichloroethane	0.405	0.428	-5.7	112	0.00
18	T	2-Butanone	0.052	0.062	-19.2	124	0.00
19		Cyclohexane	0.234	0.241	-3.0	111	0.00
20		Methylcyclohexane	0.311	0.338	-8.7	112	0.00
21	T	2,2-Dichloropropane	0.353	0.388	-9.9	116	0.00
22	RT	cis-1,2-Dichloroethene	0.242	0.253	-4.5	106	0.00
23	t	Diethyl Ether	0.264	0.254	3.8	102	0.00
24	t	tert-Butyl Alcohol	0.023	0.022	4.3	104	-0.03
25	t	Methyl tert-Butyl Ether	0.525	0.569	-8.4	112	0.00
26	t	Bromochloromethane	0.092	0.105	-14.1	110	0.00
27	t	Chloroform	0.445	0.471	-5.8	110	0.00
28	RT	1,1,1-Trichloroethane	0.374	0.406	-8.6	110	0.00
29	T	1,1-Dichloropropene	0.266	0.295	-10.9	111	0.00
30	RT	Carbon Tetrachloride	0.310	0.350	-12.9	115	0.00
31	t	Isopropyl Ether	0.599	0.644	-7.5	109	0.00
32		Ethyl-t-butyl ether	0.615	0.650	-5.7	111	0.00
33		Tert-Amyl methyl ether	0.579	0.603	-4.1	106	0.00
34	t	Propionitrile	0.016	0.019	-18.7	118	0.00
35	RT	Benzene	0.863	0.925	-7.2	110	0.00
36	RT	1,2-Dichloroethane	0.248	0.265	-6.9	108	0.00
37	RT	Trichloroethene	0.233	0.255	-9.4	113	0.00
38	Rt	1,2-Dichloropropane	0.249	0.261	-4.8	110	0.00
39	t	Methacrylonitrile	0.056	0.068	-21.4	122	0.00
40	t	Methyl acrylate	0.095	0.104	-9.5	112	0.00
41	t	Tetrahydrofuran	0.033	0.036	-9.1	114	0.00
42	t	1-Chlorobutane	0.359	0.388	-8.1	111	0.00
43	T	Dibromomethane	0.116	0.129	-11.2	112	0.00
44	T	Bromodichloromethane	0.318	0.353	-11.0	112	0.00
45	T	4-Methyl-2-Pentanone	0.137	0.149	-8.8	108	0.00
46	t	t-1,4-Dichloro-2-butene	0.057	0.072	-26.3	127	0.00
47	t	Methyl methacrylate	0.109	0.122	-11.9	108	0.00
48	t	Ethyl methacrylate	0.221	0.243	-10.0	109	0.00
49	Rt	Toluene	0.551	0.597	-8.3	109	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.282	0.328	-16.3	113	0.00
51	T	cis-1,3-Dichloropropene	0.342	0.397	-16.1	116	0.00
52	RT	1,1,2-Trichloroethane	0.175	0.192	-9.7	111	0.00
53	t	1,3-Dichloropropane	0.295	0.319	-8.1	106	0.00
54	t	2-Hexanone	0.096	0.106	-10.4	113	0.00
55	t	Dibromochloromethane	0.209	0.236	-12.9	111	0.00
56	T	1,2-Dibromoethane	0.153	0.171	-11.8	106	0.00
57	S	4-Bromofluorobenzene	0.302	0.343	-13.6	119	0.00
58	RT	Tetrachloroethene	0.203	0.209	-3.0	106	0.00
59	Rt	Chlorobenzene	0.657	0.708	-7.8	108	0.00
60	T	1,1,1,2-Tetrachloroethane	0.232	0.257	-10.8	107	0.00
61	t	Pentachloroethane	0.183	0.209	-14.2	112	0.00
62	t	Hexachloroethane	0.187	0.229	-22.5	115	0.00
63	Rt	Ethyl Benzene	1.120	1.223	-9.2	108	0.00
64	RT	m/p-Xylenes	0.423	0.461	-9.0	108	0.00
65	RT	o-Xylene	0.426	0.468	-9.9	112	0.00
66	RT	Styrene	0.685	0.765	-11.7	110	0.00
67	t	Bromoform	0.113	0.133	-17.7	113	0.00
68	S	1,2-Dichlorobenzene-d4	0.350	0.337	3.7	100	0.00
69	T	Isopropylbenzene	1.157	1.260	-8.9	108	0.00
70	T	1,1,2,2-Tetrachloroethane	0.218	0.253	-16.1	115	0.00
71	T	1,2,3-Trichloropropane	0.154	0.142	7.8	97	0.00
72	t	Bromobenzene	0.267	0.277	-3.7	106	0.00
73	t	n-propylbenzene	0.311	0.342	-10.0	111	0.00
74	t	2-Chlorotoluene	0.271	0.290	-7.0	109	0.00
75	t	1,3,5-Trimethylbenzene	0.942	1.038	-10.2	110	0.00
76	t	4-Chlorotoluene	0.278	0.309	-11.2	110	0.00
77	t	tert-Butylbenzene	0.971	1.063	-9.5	109	0.00
78	t	1,2,4-Trimethylbenzene	0.948	1.058	-11.6	108	0.00
79	t	sec-Butylbenzene	1.259	1.402	-11.4	108	0.00
80		Nitrobenzene	0.006	0.010	-66.7#	139	0.00
81	t	p-Isopropyltoluene	1.026	1.142	-11.3	107	0.00
82	t	1,3-Dichlorobenzene	0.534	0.577	-8.1	108	0.00
83	Rt	1,4-Dichlorobenzene	0.536	0.577	-7.6	108	0.00
84	t	n-Butylbenzene	0.944	1.080	-14.4	106	0.00
85	Rt	1,2-Dichlorobenzene	0.509	0.547	-7.5	108	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.029	0.037	-27.6	117	0.00
87	Rt	1,2,4-Trichlorobenzene	0.326	0.361	-10.7	108	0.00
88	t	Hexachlorobutadiene	0.174	0.191	-9.8	111	0.00
89	t	Naphthalene	0.528	0.546	-3.4	101	0.00
90	t	1,2,3-Trichlorobenzene	0.282	0.306	-8.5	103	0.00

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