Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091622\
Data File : VU050721.D
Acq On : 16 Sep 2022 11:32
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Sep 17 01:02:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 25 14:01:59 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	138	0.00
2	T	Dichlorodifluoromethane	0.414	0.411	0.7	132	0.00
3	t	Chloromethane	0.504	0.403	20.0	109	0.00
4	Rt	Vinyl Chloride	0.431	0.398	7.7	121	0.00
5	T	Bromomethane	0.176	0.204	-15.9	163	0.00
6	T	Chloroethane	0.260	0.228	12.3	116	0.00
7	T	Trichlorofluoromethane	0.537	0.468	12.8	116	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.300	0.263	12.3	118	0.00
9	Rt	1,1-Dichloroethene	0.295	0.256	13.2	116	0.00
10	t	Iodomethane	0.243	0.306	-25.9	162	0.00
11	t	Allyl Chloride	0.454	0.418	7.9	122	0.00
12	t	Acrylonitrile	0.088	0.069	21.6	102	0.00
13	T	Acetone	0.062	0.058	6.5	126	0.00
14	T	Carbon Disulfide	0.912	0.715	21.6	106	0.00
15	RT	Methylene Chloride	0.398	0.325	18.3	123	0.00
16	RT	trans-1,2-Dichloroethene	0.304	0.264	13.2	115	0.00
17	t	1,1-Dichloroethane	0.634	0.595	6.2	126	0.00
18	T	2-Butanone	0.097	0.092	5.2	122	0.00
19		Cyclohexane	0.460	0.450	2.2	133	0.00
20		Methylcyclohexane	0.363	0.451	-24.2	144	0.00
21	T	2,2-Dichloropropane	0.482	0.459	4.8	136	0.00
22	RT	cis-1,2-Dichloroethene	0.344	0.342	0.6	133	0.00
23	t	Diethyl Ether	0.253	0.223	11.9	117	0.00
24	t	tert-Butyl Alcohol	0.032	0.026	18.8	119	0.00
25	t	Methyl tert-Butyl Ether	0.782	0.681	12.9	117	0.00
26	t	Bromochloromethane	0.138	0.148	-7.2	147	0.00
27	t	Chloroform	0.614	0.604	1.6	132	0.00
28	RT	1,1,1-Trichloroethane	0.524	0.494	5.7	126	0.00
29	T	1,1-Dichloropropene	0.420	0.421	-0.2	136	0.00
30	RT	Carbon Tetrachloride	0.420	0.407	3.1	126	0.00
31	t	Isopropyl Ether	0.984	0.852	13.4	117	0.00
32		Ethyl-t-butyl ether	0.773	0.751	2.8	126	0.00
33		Tert-Amyl methyl ether	0.504	0.679	-34.7#	152	0.00
34	t	Propionitrile	0.029	0.029	0.0	151	0.00
35	RT	Benzene	1.234	1.316	-6.6	138	0.00
36	RT	1,2-Dichloroethane	0.377	0.364	3.4	129	0.00
37	RT	Trichloroethene	0.296	0.295	0.3	132	0.00
38	Rt	1,2-Dichloropropane	0.331	0.362	-9.4	138	0.00
39	t	Methacrylonitrile	0.118	0.099	16.1	123	0.00
40	t	Methyl acrylate	0.179	0.156	12.8	129	0.00
41	t	Tetrahydrofuran	0.059	0.051	13.6	116	0.00
42	t	1-Chlorobutane	0.598	0.597	0.2	137	0.00
43	T	Dibromomethane	0.179	0.176	1.7	127	0.00
44	T	Bromodichloromethane	0.421	0.439	-4.3	136	0.00
45	T	4-Methyl-2-Pentanone	0.179	0.202	-12.8	129	0.00
46	t	t-1,4-Dichloro-2-butene	0.090	0.105	-16.7	125	0.00
47	t	Methyl methacrylate	0.134	0.156	-16.4	128	0.00
48	t	Ethyl methacrylate	0.244	0.280	-14.8	128	0.00
49	Rt	Toluene	0.663	0.776	-17.0	134	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.328	0.375	-14.3	137	0.00
51	T	cis-1,3-Dichloropropene	0.376	0.438	-16.5	142	0.00
52	RT	1,1,2-Trichloroethane	0.263	0.252	4.2	124	0.00
53	t	1,3-Dichloropropane	0.413	0.429	-3.9	129	0.00
54	t	2-Hexanone	0.125	0.140	-12.0	130	0.00
55	t	Dibromochloromethane	0.289	0.278	3.8	126	0.00
56	T	1,2-Dibromoethane	0.236	0.227	3.8	122	0.00
57	S	4-Bromofluorobenzene	0.340	0.398	-17.1	138	0.00
58	RT	Tetrachloroethene	0.278	0.259	6.8	121	0.00
59	Rt	Chlorobenzene	0.716	0.794	-10.9	133	0.00
60	T	1,1,1,2-Tetrachloroethane	0.301	0.305	-1.3	130	0.00
61	t	Pentachloroethane	0.250	0.266	-6.4	136	0.00
62	t	Hexachloroethane	0.208	0.240	-15.4	141	0.00
63	Rt	Ethyl Benzene	1.140	1.439	-26.2	136	0.00
64	RT	m/p-Xylenes	0.444	0.575	-29.5	134	0.00
65	RT	o-Xylene	0.423	0.532	-25.8	134	0.00
66	RT	Styrene	0.720	0.935	-29.9	132	0.00
67	t	Bromoform	0.164	0.159	3.0	123	0.00
68	S	1,2-Dichlorobenzene-d4	0.402	0.371	7.7	120	0.00
69	T	Isopropylbenzene	1.100	1.414	-28.5	138	0.00
70	T	1,1,2,2-Tetrachloroethane	0.361	0.345	4.4	124	0.00
71	T	1,2,3-Trichloropropane	0.272	0.266	2.2	123	0.00
72	t	Bromobenzene	0.309	0.333	-7.8	128	0.00
73	t	n-propylbenzene	0.300	0.379	-26.3	129	0.00
74	t	2-Chlorotoluene	0.291	0.355	-22.0	133	0.00
75	t	1,3,5-Trimethylbenzene	0.973	1.258	-29.3	132	0.00
76	t	4-Chlorotoluene	0.298	0.365	-22.5	127	0.00
77	t	tert-Butylbenzene	0.957	1.168	-22.0	133	0.00
78	t	1,2,4-Trimethylbenzene	1.003	1.277	-27.3	131	0.00
79	t	sec-Butylbenzene	1.258	1.569	-24.7	131	0.00
80		Nitrobenzene	0.020	0.018	10.0	117	0.00
81	t	p-Isopropyltoluene	1.003	1.236	-23.2	126	0.00
82	t	1,3-Dichlorobenzene	0.636	0.688	-8.2	127	0.00
83	Rt	1,4-Dichlorobenzene	0.633	0.687	-8.5	127	0.00
84	t	n-Butylbenzene	0.948	1.146	-20.9	130	0.00
85	Rt	1,2-Dichlorobenzene	0.625	0.665	-6.4	126	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.057	0.052	8.8	117	0.00
87	Rt	1,2,4-Trichlorobenzene	0.357	0.398	-11.5	128	0.00
88	t	Hexachlorobutadiene	0.232	0.236	-1.7	127	0.00
89	t	Naphthalene	0.786	0.728	7.4	110	0.00
90	t	1,2,3-Trichlorobenzene	0.376	0.394	-4.8	118	0.00

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