Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070722\
Data File : VU049645.D
Acq On : 07 Jul 2022 10:27
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jul 08 09:10:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 07 07:00:33 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	82	0.00
2	T	Dichlorodifluoromethane	0.383	0.408	-6.5	85	0.00
3	t	Chloromethane	0.392	0.400	-2.0	88	0.00
4	Rt	Vinyl Chloride	0.357	0.366	-2.5	83	0.00
5	T	Bromomethane	0.186	0.171	8.1	80	0.00
6	T	Chloroethane	0.200	0.188	6.0	77	0.00
7	T	Trichlorofluoromethane	0.428	0.456	-6.5	85	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.225	0.234	-4.0	82	0.00
9	Rt	1,1-Dichloroethene	0.227	0.228	-0.4	80	0.00
10	t	Iodomethane	0.288	0.299	-3.8	78	0.00
11	t	Allyl Chloride	0.387	0.396	-2.3	82	0.00
12	t	Acrylonitrile	0.061	0.066	-8.2	93	0.00
13	T	Acetone	0.048	0.051	-6.2	98	0.01
14	T	Carbon Disulfide	0.747	0.752	-0.7	82	0.00
15	RT	Methylene Chloride	0.284	0.265	6.7	86	0.00
16	RT	trans-1,2-Dichloroethene	0.238	0.241	-1.3	81	0.00
17	t	1,1-Dichloroethane	0.492	0.501	-1.8	82	0.00
18	T	2-Butanone	0.082	0.088	-7.3	94	0.00
19		Cyclohexane	0.471	0.473	-0.4	80	0.00
20		Methylcyclohexane	0.464	0.468	-0.9	80	0.00
21	T	2,2-Dichloropropane	0.403	0.421	-4.5	82	0.00
22	RT	cis-1,2-Dichloroethene	0.294	0.296	-0.7	81	0.00
23	t	Diethyl Ether	0.193	0.200	-3.6	86	0.00
24	t	tert-Butyl Alcohol	0.022	0.025	-13.6	100	0.03
25	t	Methyl tert-Butyl Ether	0.634	0.663	-4.6	87	0.00
26	t	Bromochloromethane	0.124	0.130	-4.8	85	0.00
27	t	Chloroform	0.485	0.499	-2.9	84	0.00
28	RT	1,1,1-Trichloroethane	0.427	0.442	-3.5	82	0.00
29	T	1,1-Dichloropropene	0.382	0.392	-2.6	82	0.00
30	RT	Carbon Tetrachloride	0.360	0.384	-6.7	83	0.00
31	t	Isopropyl Ether	0.844	0.862	-2.1	82	0.00
32		Ethyl-t-butyl ether	0.799	0.813	-1.8	82	0.00
33		Tert-Amyl methyl ether	0.695	0.708	-1.9	83	0.00
34	t	Propionitrile	0.023	0.027	-17.4	95	0.00
35	RT	Benzene	1.087	1.117	-2.8	82	0.00
36	RT	1,2-Dichloroethane	0.309	0.331	-7.1	89	0.00
37	RT	Trichloroethene	0.275	0.277	-0.7	80	0.00
38	Rt	1,2-Dichloropropane	0.288	0.298	-3.5	83	0.00
39	t	Methacrylonitrile	0.100	0.108	-8.0	89	0.00
40	t	Methyl acrylate	0.157	0.178	-13.4	91	0.00
41	t	Tetrahydrofuran	0.059	0.058	1.7	92	0.00
42	t	1-Chlorobutane	0.535	0.559	-4.5	83	0.00
43	T	Dibromomethane	0.143	0.152	-6.3	88	0.00
44	T	Bromodichloromethane	0.344	0.366	-6.4	84	0.00
45	T	4-Methyl-2-Pentanone	0.195	0.210	-7.7	91	0.00
46	t	t-1,4-Dichloro-2-butene	0.063	0.088	-39.7#	103	0.00
47	t	Methyl methacrylate	0.145	0.156	-7.6	87	0.00
48	t	Ethyl methacrylate	0.290	0.315	-8.6	88	0.00
49	Rt	Toluene	0.664	0.691	-4.1	82	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.332	0.364	-9.6	85	0.00
51	T	cis-1,3-Dichloropropene	0.394	0.418	-6.1	82	0.00
52	RT	1,1,2-Trichloroethane	0.198	0.209	-5.6	87	0.00
53	t	1,3-Dichloropropane	0.355	0.370	-4.2	87	0.00
54	t	2-Hexanone	0.135	0.150	-11.1	93	0.00
55	t	Dibromochloromethane	0.226	0.245	-8.4	85	0.00
56	T	1,2-Dibromoethane	0.192	0.206	-7.3	88	0.00
57	S	4-Bromofluorobenzene	0.366	0.364	0.5	83	0.00
58	RT	Tetrachloroethene	0.229	0.234	-2.2	81	0.00
59	Rt	Chlorobenzene	0.695	0.712	-2.4	82	0.00
60	T	1,1,1,2-Tetrachloroethane	0.247	0.260	-5.3	84	0.00
61	t	Pentachloroethane	0.190	0.204	-7.4	84	0.00
62	t	Hexachloroethane	0.190	0.208	-9.5	85	0.00
63	Rt	Ethyl Benzene	1.250	1.320	-5.6	82	0.00
64	RT	m/p-Xylenes	0.463	0.485	-4.8	81	0.00
65	RT	o-Xylene	0.455	0.470	-3.3	82	0.00
66	RT	Styrene	0.730	0.791	-8.4	83	0.00
67	t	Bromoform	0.129	0.145	-12.4	89	0.00
68	S	1,2-Dichlorobenzene-d4	0.337	0.350	-3.9	85	0.00
69	T	Isopropylbenzene	1.214	1.276	-5.1	82	0.00
70	T	1,1,2,2-Tetrachloroethane	0.257	0.280	-8.9	93	0.00
71	T	1,2,3-Trichloropropane	0.213	0.247	-16.0	107	0.00
72	t	Bromobenzene	0.274	0.293	-6.9	84	0.00
73	t	n-propylbenzene	0.306	0.331	-8.2	82	0.00
74	t	2-Chlorotoluene	0.273	0.290	-6.2	83	0.00
75	t	1,3,5-Trimethylbenzene	1.015	1.065	-4.9	81	0.00
76	t	4-Chlorotoluene	0.274	0.302	-10.2	87	0.00
77	t	tert-Butylbenzene	0.999	1.050	-5.1	83	0.00
78	t	1,2,4-Trimethylbenzene	1.019	1.090	-7.0	82	0.00
79	t	sec-Butylbenzene	1.311	1.393	-6.3	82	0.00
80		Nitrobenzene	0.011	0.013	-18.2	98	0.00
81	t	p-Isopropyltoluene	1.063	1.153	-8.5	83	0.00
82	t	1,3-Dichlorobenzene	0.529	0.561	-6.0	83	0.00
83	Rt	1,4-Dichlorobenzene	0.534	0.559	-4.7	84	0.00
84	t	n-Butylbenzene	0.990	1.129	-14.0	84	0.00
85	Rt	1,2-Dichlorobenzene	0.513	0.536	-4.5	86	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.045	0.053	-17.8	99	0.00
87	Rt	1,2,4-Trichlorobenzene	0.346	0.392	-13.3	85	0.00
88	t	Hexachlorobutadiene	0.176	0.200	-13.6	85	0.00
89	t	Naphthalene	0.725	0.831	-14.6	89	0.00
90	t	1,2,3-Trichlorobenzene	0.330	0.370	-12.1	86	0.00

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