Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020124\
Data File : VU057782.D
Acq On : 01 Feb 2024 16:56
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Feb 02 00:34:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 02 00:27:55 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	102	0.00
2	T	Dichlorodifluoromethane	0.333	0.329	1.2	97	0.00
3	t	Chloromethane	0.320	0.298	6.9	96	0.00
4	Rt	Vinyl Chloride	0.326	0.329	-0.9	98	0.00
5	T	Bromomethane	0.193	0.196	-1.6	108	0.00
6	T	Chloroethane	0.206	0.212	-2.9	103	0.00
7	T	Trichlorofluoromethane	0.499	0.489	2.0	93	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.256	0.250	2.3	96	0.00
9	Rt	1,1-Dichloroethene	0.249	0.244	2.0	95	0.00
10	t	Iodomethane	0.295	0.314	-6.4	96	0.00
11	t	Allyl Chloride	0.337	0.342	-1.5	96	0.00
12	t	Acrylonitrile	0.042	0.046	-9.5	97	0.00
13	T	Acetone	0.077	0.082	-6.5	95	0.00
14	T	Carbon Disulfide	0.795	0.790	0.6	97	0.00
15	RT	Methylene Chloride	0.297	0.279	6.1	97	0.00
16	RT	trans-1,2-Dichloroethene	0.271	0.274	-1.1	96	0.00
17	t	1,1-Dichloroethane	0.512	0.521	-1.8	98	0.00
18	T	2-Butanone	0.083	0.092	-10.8	100	0.00
19		Cyclohexane	0.401	0.400	0.2	97	0.00
20		Methylcyclohexane	0.485	0.496	-2.3	96	0.00
21	T	2,2-Dichloropropane	0.455	0.468	-2.9	97	0.00
22	RT	cis-1,2-Dichloroethene	0.297	0.293	1.3	95	0.00
23	t	Diethyl Ether	0.179	0.179	0.0	96	0.00
24	t	tert-Butyl Alcohol	0.020	0.021	-5.0	102	0.04
25	t	Methyl tert-Butyl Ether	0.583	0.592	-1.5	97	0.00
26	t	Bromochloromethane	0.119	0.119	0.0	97	0.00
27	t	Chloroform	0.533	0.538	-0.9	97	0.00
28	RT	1,1,1-Trichloroethane	0.481	0.482	-0.2	95	0.00
29	T	1,1-Dichloropropene	0.389	0.401	-3.1	98	0.00
30	RT	Carbon Tetrachloride	0.414	0.416	-0.5	95	0.00
31	t	Isopropyl Ether	0.750	0.774	-3.2	98	0.00
32		Ethyl-t-butyl ether	0.696	0.724	-4.0	96	0.00
33		Tert-Amyl methyl ether	0.586	0.624	-6.5	97	0.00
34	t	Propionitrile	0.017	0.017	0.0	91	0.01
35	RT	Benzene	1.120	1.130	-0.9	97	0.00
36	RT	1,2-Dichloroethane	0.326	0.325	0.3	96	0.00
37	RT	Trichloroethene	0.297	0.298	-0.3	96	0.00
38	Rt	1,2-Dichloropropane	0.290	0.293	-1.0	97	0.00
39	t	Methacrylonitrile	0.068	0.071	-4.4	95	0.00
40	t	Methyl acrylate	0.103	0.126	-22.3	93	0.00
41	t	Tetrahydrofuran	0.036	0.039	-8.3	100	0.00
42	t	1-Chlorobutane	0.513	0.524	-2.1	96	0.00
43	T	Dibromomethane	0.134	0.138	-3.0	98	0.00
44	T	Bromodichloromethane	0.374	0.382	-2.1	97	0.00
45	T	4-Methyl-2-Pentanone	0.142	0.148	-4.2	93	0.00
46	t	t-1,4-Dichloro-2-butene	0.032	0.044	-37.5#	106	0.00
47	t	Methyl methacrylate	0.118	0.125	-5.9	97	0.00
48	t	Ethyl methacrylate	0.236	0.242	-2.5	91	0.00
49	Rt	Toluene	0.684	0.694	-1.5	96	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.323	0.341	-5.6	96	0.00
51	T	cis-1,3-Dichloropropene	0.409	0.428	-4.6	98	0.00
52	RT	1,1,2-Trichloroethane	0.184	0.187	-1.6	96	0.00
53	t	1,3-Dichloropropane	0.331	0.332	-0.3	97	0.00
54	t	2-Hexanone	0.131	0.143	-9.2	97	0.00
55	t	Dibromochloromethane	0.228	0.230	-0.9	94	0.00
56	T	1,2-Dibromoethane	0.169	0.174	-3.0	95	0.00
57	S	4-Bromofluorobenzene	0.379	0.368	2.9	91	0.00
58	RT	Tetrachloroethene	0.262	0.258	1.5	96	0.00
59	Rt	Chlorobenzene	0.757	0.764	-0.9	94	0.00
60	T	1,1,1,2-Tetrachloroethane	0.257	0.260	-1.2	94	0.00
61	t	Pentachloroethane	0.187	0.198	-5.9	90	0.00
62	t	Hexachloroethane	0.204	0.212	-3.9	86	0.00
63	Rt	Ethyl Benzene	1.345	1.384	-2.9	94	0.00
64	RT	m/p-Xylenes	0.489	0.508	-3.9	93	0.00
65	RT	o-Xylene	0.484	0.499	-3.1	93	0.00
66	RT	Styrene	0.722	0.776	-7.5	92	0.00
67	t	Bromoform	0.117	0.122	-4.3	91	0.00
68	S	1,2-Dichlorobenzene-d4	0.341	0.351	-2.9	96	0.00
69	T	Isopropylbenzene	1.268	1.327	-4.7	93	0.00
70	T	1,1,2,2-Tetrachloroethane	0.231	0.231	0.0	92	0.00
71	T	1,2,3-Trichloropropane	0.190	0.192	-1.1	98	0.00
72	t	Bromobenzene	0.279	0.286	-2.5	91	0.00
73	t	n-propylbenzene	0.319	0.347	-8.8	93	0.00
74	t	2-Chlorotoluene	0.296	0.307	-3.7	91	0.00
75	t	1,3,5-Trimethylbenzene	1.089	1.115	-2.4	91	0.00
76	t	4-Chlorotoluene	0.297	0.307	-3.4	91	0.00
77	t	tert-Butylbenzene	1.022	1.031	-0.9	89	0.00
78	t	1,2,4-Trimethylbenzene	1.105	1.135	-2.7	91	0.00
79	t	sec-Butylbenzene	1.306	1.302	0.3	89	0.00
80		Nitrobenzene	0.005	0.005	0.0	90	0.00
81	t	p-Isopropyltoluene	1.102	1.131	-2.6	89	0.00
82	t	1,3-Dichlorobenzene	0.564	0.577	-2.3	93	0.00
83	Rt	1,4-Dichlorobenzene	0.551	0.561	-1.8	92	0.00
84	t	n-Butylbenzene	1.053	1.121	-6.5	91	0.00
85	Rt	1,2-Dichlorobenzene	0.512	0.522	-2.0	93	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.032	0.035	-9.4	95	0.00
87	Rt	1,2,4-Trichlorobenzene	0.306	0.335	-9.5	95	0.00
88	t	Hexachlorobutadiene	0.196	0.195	0.5	92	0.00
89	t	Naphthalene	0.472	0.476	-0.8	90	0.00
90	t	1,2,3-Trichlorobenzene	0.254	0.263	-3.5	93	0.00

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