Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021125\
Data File : VU063247.D
Acq On : 11 Feb 2025 19:54
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Feb 12 04:35:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 11 08:42:19 2025
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	92	0.00
2	T	Dichlorodifluoromethane	0.325	0.297	8.6	89	0.00
3	t	Chloromethane	0.374	0.362	3.2	94	0.00
4	Rt	Vinyl Chloride	0.370	0.358	3.2	89	0.00
5	T	Bromomethane	0.181	0.201	-11.0	96	0.00
6	T	Chloroethane	0.233	0.221	5.2	91	0.00
7	T	Trichlorofluoromethane	0.439	0.415	5.5	90	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.249	0.227	8.8	90	0.00
9	Rt	1,1-Dichloroethene	0.254	0.245	3.5	91	0.00
10	t	Iodomethane	0.399	0.425	-6.5	96	0.00
11	t	Allyl Chloride	0.364	0.341	6.3	85	0.00
12	t	Acrylonitrile	0.059	0.062	-5.1	88	0.00
13	T	Acetone	0.045	0.044	2.2	86	0.00
14	T	Carbon Disulfide	0.887	0.826	6.9	88	0.00
15	RT	Methylene Chloride	0.313	0.311	0.6	94	0.00
16	RT	trans-1,2-Dichloroethene	0.290	0.288	0.7	92	0.00
17	t	1,1-Dichloroethane	0.546	0.550	-0.7	94	0.00
18	T	2-Butanone	0.072	0.075	-4.2	87	0.00
19		Cyclohexane	0.439	0.426	3.0	86	0.00
20		Methylcyclohexane	0.435	0.425	2.3	87	0.00
21	T	2,2-Dichloropropane	0.426	0.289	32.2#	63	0.00
22	RT	cis-1,2-Dichloroethene	0.313	0.319	-1.9	93	0.00
23	t	Diethyl Ether	0.218	0.215	1.4	91	0.00
24	t	tert-Butyl Alcohol	0.026	0.021	19.2	82	0.00
25	t	Methyl tert-Butyl Ether	0.634	0.668	-5.4	91	0.00
26	t	Bromochloromethane	0.137	0.141	-2.9	94	0.00
27	t	Chloroform	0.551	0.550	0.2	92	0.00
28	RT	1,1,1-Trichloroethane	0.446	0.443	0.7	92	0.00
29	T	1,1-Dichloropropene	0.400	0.397	0.8	89	0.00
30	RT	Carbon Tetrachloride	0.383	0.374	2.3	91	0.00
31	t	Isopropyl Ether	0.779	0.824	-5.8	93	0.00
32		Ethyl-t-butyl ether	0.709	0.763	-7.6	93	0.00
33		Tert-Amyl methyl ether	0.619	0.685	-10.7	91	0.00
34	t	Propionitrile	0.022	0.025	-13.6	91	0.00
35	RT	Benzene	1.229	1.239	-0.8	92	0.00
36	RT	1,2-Dichloroethane	0.355	0.356	-0.3	92	0.00
37	RT	Trichloroethene	0.292	0.290	0.7	91	0.00
38	Rt	1,2-Dichloropropane	0.322	0.328	-1.9	92	0.00
39	t	Methacrylonitrile	0.080	0.094	-17.5	89	0.00
40	t	Methyl acrylate	0.148	0.158	-6.8	88	0.00
41	t	Tetrahydrofuran	0.047	0.048	-2.1	85	0.00
42	t	1-Chlorobutane	0.547	0.557	-1.8	90	0.00
43	T	Dibromomethane	0.163	0.166	-1.8	93	0.00
44	T	Bromodichloromethane	0.379	0.396	-4.5	93	0.00
45	T	4-Methyl-2-Pentanone	0.171	0.186	-8.8	87	0.00
46	t	t-1,4-Dichloro-2-butene	0.080	0.077	3.8	83	0.00
47	t	Methyl methacrylate	0.137	0.156	-13.9	89	0.00
48	t	Ethyl methacrylate	0.258	0.299	-15.9	87	0.00
49	Rt	Toluene	0.707	0.743	-5.1	91	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.347	0.350	-0.9	84	0.00
51	T	cis-1,3-Dichloropropene	0.429	0.418	2.6	84	0.00
52	RT	1,1,2-Trichloroethane	0.220	0.231	-5.0	93	0.00
53	t	1,3-Dichloropropane	0.390	0.406	-4.1	92	0.00
54	t	2-Hexanone	0.117	0.127	-8.5	86	0.00
55	t	Dibromochloromethane	0.253	0.266	-5.1	91	0.00
56	T	1,2-Dibromoethane	0.206	0.217	-5.3	91	0.00
57	S	4-Bromofluorobenzene	0.330	0.358	-8.5	91	0.00
58	RT	Tetrachloroethene	0.241	0.239	0.8	93	0.00
59	Rt	Chlorobenzene	0.746	0.775	-3.9	93	0.00
60	T	1,1,1,2-Tetrachloroethane	0.268	0.281	-4.9	94	0.00
61	t	Pentachloroethane	0.239	0.241	-0.8	92	0.00
62	t	Hexachloroethane	0.212	0.214	-0.9	88	0.00
63	Rt	Ethyl Benzene	1.286	1.382	-7.5	90	0.00
64	RT	m/p-Xylenes	0.480	0.532	-10.8	91	0.00
65	RT	o-Xylene	0.470	0.511	-8.7	91	0.00
66	RT	Styrene	0.748	0.857	-14.6	92	0.00
67	t	Bromoform	0.143	0.155	-8.4	91	0.00
68	S	1,2-Dichlorobenzene-d4	0.343	0.359	-4.7	96	0.00
69	T	Isopropylbenzene	1.106	1.192	-7.8	90	0.00
70	T	1,1,2,2-Tetrachloroethane	0.296	0.304	-2.7	90	0.00
71	T	1,2,3-Trichloropropane	0.222	0.232	-4.5	104	0.00
72	t	Bromobenzene	0.298	0.316	-6.0	92	0.00
73	t	n-propylbenzene	0.317	0.354	-11.7	91	0.00
74	t	2-Chlorotoluene	0.292	0.317	-8.6	92	0.00
75	t	1,3,5-Trimethylbenzene	1.024	1.143	-11.6	91	0.00
76	t	4-Chlorotoluene	0.299	0.329	-10.0	94	0.00
77	t	tert-Butylbenzene	1.036	1.098	-6.0	90	0.00
78	t	1,2,4-Trimethylbenzene	1.016	1.156	-13.8	92	0.00
79	t	sec-Butylbenzene	1.319	1.416	-7.4	90	0.00
80		Nitrobenzene	0.007	0.007	0.0	74	0.00
81	t	p-Isopropyltoluene	1.041	1.144	-9.9	90	0.00
82	t	1,3-Dichlorobenzene	0.578	0.606	-4.8	93	0.00
83	Rt	1,4-Dichlorobenzene	0.565	0.607	-7.4	93	0.00
84	t	n-Butylbenzene	0.933	1.004	-7.6	88	0.00
85	Rt	1,2-Dichlorobenzene	0.555	0.588	-5.9	94	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.042	0.046	-9.5	86	0.00
87	Rt	1,2,4-Trichlorobenzene	0.271	0.306	-12.9	91	0.00
88	t	Hexachlorobutadiene	0.194	0.178	8.2	90	0.00
89	t	Naphthalene	0.436	0.498	-14.2	82	0.00
90	t	1,2,3-Trichlorobenzene	0.265	0.300	-13.2	91	0.00

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