Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
Data File : VU063260.D
Acq On : 12 Feb 2025 18:23
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Feb 13 03:16:31 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	94	0.00
2	T	Dichlorodifluoromethane	0.325	0.312	4.0	96	0.00
3	t	Chloromethane	0.374	0.354	5.3	94	0.00
4	Rt	Vinyl Chloride	0.370	0.360	2.7	92	0.00
5	T	Bromomethane	0.181	0.201	-11.0	99	0.00
6	T	Chloroethane	0.233	0.219	6.0	92	0.00
7	T	Trichlorofluoromethane	0.439	0.433	1.4	96	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.249	0.250	-0.4	101	0.00
9	Rt	1,1-Dichloroethene	0.254	0.253	0.4	96	0.00
10	t	Iodomethane	0.399	0.421	-5.5	97	0.00
11	t	Allyl Chloride	0.364	0.358	1.6	92	0.00
12	t	Acrylonitrile	0.059	0.061	-3.4	88	0.00
13	T	Acetone	0.045	0.042	6.7	83	0.00
14	T	Carbon Disulfide	0.887	0.852	3.9	93	0.00
15	RT	Methylene Chloride	0.313	0.307	1.9	95	0.00
16	RT	trans-1,2-Dichloroethene	0.290	0.293	-1.0	96	0.00
17	t	1,1-Dichloroethane	0.546	0.545	0.2	95	0.00
18	T	2-Butanone	0.072	0.073	-1.4	87	0.00
19		Cyclohexane	0.439	0.453	-3.2	94	0.00
20		Methylcyclohexane	0.435	0.471	-8.3	99	0.00
21	T	2,2-Dichloropropane	0.426	0.417	2.1	94	0.00
22	RT	cis-1,2-Dichloroethene	0.313	0.330	-5.4	98	0.00
23	t	Diethyl Ether	0.218	0.211	3.2	91	0.00
24	t	tert-Butyl Alcohol	0.026	0.020	23.1	79	0.00
25	t	Methyl tert-Butyl Ether	0.634	0.653	-3.0	91	0.00
26	t	Bromochloromethane	0.137	0.139	-1.5	95	0.00
27	t	Chloroform	0.551	0.559	-1.5	96	0.00
28	RT	1,1,1-Trichloroethane	0.446	0.456	-2.2	97	0.00
29	T	1,1-Dichloropropene	0.400	0.419	-4.7	97	0.00
30	RT	Carbon Tetrachloride	0.383	0.393	-2.6	98	0.00
31	t	Isopropyl Ether	0.779	0.806	-3.5	93	0.00
32		Ethyl-t-butyl ether	0.709	0.748	-5.5	93	0.00
33		Tert-Amyl methyl ether	0.619	0.667	-7.8	91	0.00
34	t	Propionitrile	0.022	0.024	-9.1	90	0.00
35	RT	Benzene	1.229	1.263	-2.8	96	0.00
36	RT	1,2-Dichloroethane	0.355	0.355	0.0	94	0.00
37	RT	Trichloroethene	0.292	0.296	-1.4	95	0.00
38	Rt	1,2-Dichloropropane	0.322	0.330	-2.5	95	0.00
39	t	Methacrylonitrile	0.080	0.088	-10.0	85	0.00
40	t	Methyl acrylate	0.148	0.151	-2.0	85	0.00
41	t	Tetrahydrofuran	0.047	0.047	0.0	86	0.00
42	t	1-Chlorobutane	0.547	0.574	-4.9	95	0.00
43	T	Dibromomethane	0.163	0.165	-1.2	95	0.00
44	T	Bromodichloromethane	0.379	0.394	-4.0	95	0.00
45	T	4-Methyl-2-Pentanone	0.171	0.182	-6.4	87	0.00
46	t	t-1,4-Dichloro-2-butene	0.080	0.085	-6.3	95	0.00
47	t	Methyl methacrylate	0.137	0.152	-10.9	88	0.00
48	t	Ethyl methacrylate	0.258	0.297	-15.1	89	0.00
49	Rt	Toluene	0.707	0.767	-8.5	97	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.347	0.378	-8.9	93	0.00
51	T	cis-1,3-Dichloropropene	0.429	0.449	-4.7	92	0.00
52	RT	1,1,2-Trichloroethane	0.220	0.231	-5.0	95	0.00
53	t	1,3-Dichloropropane	0.390	0.405	-3.8	94	0.00
54	t	2-Hexanone	0.117	0.123	-5.1	85	0.00
55	t	Dibromochloromethane	0.253	0.269	-6.3	95	0.00
56	T	1,2-Dibromoethane	0.206	0.213	-3.4	91	0.00
57	S	4-Bromofluorobenzene	0.330	0.355	-7.6	93	0.00
58	RT	Tetrachloroethene	0.241	0.251	-4.1	101	0.00
59	Rt	Chlorobenzene	0.746	0.802	-7.5	98	0.00
60	T	1,1,1,2-Tetrachloroethane	0.268	0.286	-6.7	98	0.00
61	t	Pentachloroethane	0.239	0.252	-5.4	98	0.00
62	t	Hexachloroethane	0.212	0.232	-9.4	98	0.00
63	Rt	Ethyl Benzene	1.286	1.447	-12.5	97	0.00
64	RT	m/p-Xylenes	0.480	0.557	-16.0	97	0.00
65	RT	o-Xylene	0.470	0.530	-12.8	97	0.00
66	RT	Styrene	0.748	0.886	-18.4	97	0.00
67	t	Bromoform	0.143	0.154	-7.7	93	0.00
68	S	1,2-Dichlorobenzene-d4	0.343	0.365	-6.4	100	0.00
69	T	Isopropylbenzene	1.106	1.258	-13.7	97	0.00
70	T	1,1,2,2-Tetrachloroethane	0.296	0.296	0.0	90	0.00
71	T	1,2,3-Trichloropropane	0.222	0.205	7.7	94	0.00
72	t	Bromobenzene	0.298	0.329	-10.4	98	0.00
73	t	n-propylbenzene	0.317	0.378	-19.2	100	0.00
74	t	2-Chlorotoluene	0.292	0.335	-14.7	100	0.00
75	t	1,3,5-Trimethylbenzene	1.024	1.195	-16.7	98	0.00
76	t	4-Chlorotoluene	0.299	0.339	-13.4	99	0.00
77	t	tert-Butylbenzene	1.036	1.165	-12.5	98	0.00
78	t	1,2,4-Trimethylbenzene	1.016	1.210	-19.1	98	0.00
79	t	sec-Butylbenzene	1.319	1.543	-17.0	100	0.00
80		Nitrobenzene	0.007	0.008	-14.3	82	0.00
81	t	p-Isopropyltoluene	1.041	1.240	-19.1	100	0.00
82	t	1,3-Dichlorobenzene	0.578	0.635	-9.9	100	0.00
83	Rt	1,4-Dichlorobenzene	0.565	0.629	-11.3	98	0.00
84	t	n-Butylbenzene	0.933	1.121	-20.2	101	0.00
85	Rt	1,2-Dichlorobenzene	0.555	0.601	-8.3	98	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.042	0.044	-4.8	84	0.00
87	Rt	1,2,4-Trichlorobenzene	0.271	0.320	-18.1	97	0.00
88	t	Hexachlorobutadiene	0.194	0.211	-8.8	109	0.00
89	t	Naphthalene	0.436	0.508	-16.5	86	0.00
90	t	1,2,3-Trichlorobenzene	0.265	0.322	-21.5	100	0.00

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