Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091525\
Data File : VU063584.D
Acq On : 15 Sep 2025 17:45
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Sep 16 04:59:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sat Sep 13 03:31:19 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	111	0.00
2	T	Dichlorodifluoromethane	0.330	0.265	19.7	88	0.00
3	t	Chloromethane	0.323	0.252	22.0	88	0.00
4	Rt	Vinyl Chloride	0.350	0.280	20.0	88	0.00
5	T	Bromomethane	0.216	0.160	25.9	89	0.00
6	T	Chloroethane	0.225	0.172	23.6	86	0.00
7	T	Trichlorofluoromethane	0.514	0.411	20.0	87	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.288	0.228	20.8	90	0.00
9	Rt	1,1-Dichloroethene	0.261	0.204	21.8	87	0.00
10	t	Iodomethane	0.375	0.312	16.8	88	0.00
11	t	Allyl Chloride	0.433	0.332	23.3	83	0.00
12	t	Acrylonitrile	0.079	0.063	20.3	88	0.00
13	T	Acetone	0.112	0.053	52.7#	65	0.00
14	T	Carbon Disulfide	0.544	0.390	28.3	78	0.00
15	RT	Methylene Chloride	0.344	0.274	20.3	95	0.00
16	RT	trans-1,2-Dichloroethene	0.278	0.224	19.4	89	0.00
17	t	1,1-Dichloroethane	0.636	0.508	20.1	89	0.00
18	T	2-Butanone	0.127	0.081	36.2#	76	0.00
19		Cyclohexane	0.509	0.390	23.4	84	0.00
20		Methylcyclohexane	0.467	0.375	19.7	86	0.00
21	T	2,2-Dichloropropane	0.470	0.344	26.8	80	0.00
22	RT	cis-1,2-Dichloroethene	0.341	0.270	20.8	87	0.00
23	t	Diethyl Ether	0.231	0.184	20.3	89	0.00
24	t	tert-Butyl Alcohol	0.031	0.023	25.8	86	0.00
25	t	Methyl tert-Butyl Ether	0.778	0.617	20.7	87	0.00
26	t	Bromochloromethane	0.138	0.116	15.9	92	0.00
27	t	Chloroform	0.637	0.506	20.6	89	0.00
28	RT	1,1,1-Trichloroethane	0.489	0.399	18.4	89	0.00
29	T	1,1-Dichloropropene	0.455	0.383	15.8	96	0.00
30	RT	Carbon Tetrachloride	0.360	0.313	13.1	90	0.00
31	t	Isopropyl Ether	1.066	0.833	21.9	88	0.00
32		Ethyl-t-butyl ether	0.911	0.707	22.4	88	0.00
33		Tert-Amyl methyl ether	0.776	0.745	4.0	109	0.00
34	t	Propionitrile	0.030	0.024	20.0	90	0.00
35	RT	Benzene	1.309	1.202	8.2	101	0.00
36	RT	1,2-Dichloroethane	0.442	0.426	3.6	108	0.00
37	RT	Trichloroethene	0.326	0.265	18.7	91	0.00
38	Rt	1,2-Dichloropropane	0.347	0.299	13.8	88	0.00
39	t	Methacrylonitrile	0.140	0.106	24.3	92	0.00
40	t	Methyl acrylate	0.193	0.139	28.0	83	0.00
41	t	Tetrahydrofuran	0.073	0.053	27.4	86	0.00
42	t	1-Chlorobutane	0.637	0.564	11.5	98	0.00
43	T	Dibromomethane	0.166	0.139	16.3	92	0.00
44	T	Bromodichloromethane	0.355	0.309	13.0	90	0.00
45	T	4-Methyl-2-Pentanone	0.208	0.198	4.8	102	0.00
46	t	t-1,4-Dichloro-2-butene	0.078	0.052	33.3#	69	0.00
47	t	Methyl methacrylate	0.149	0.133	10.7	96	0.00
48	t	Ethyl methacrylate	0.276	0.238	13.8	90	0.00
49	Rt	Toluene	0.710	0.620	12.7	92	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.266	0.210	21.1	82	0.00
51	T	cis-1,3-Dichloropropene	0.354	0.327	7.6	94	0.00
52	RT	1,1,2-Trichloroethane	0.235	0.198	15.7	90	0.00
53	t	1,3-Dichloropropane	0.409	0.342	16.4	91	0.00
54	t	2-Hexanone	0.152	0.116	23.7	85	0.00
55	t	Dibromochloromethane	0.228	0.187	18.0	84	0.00
56	T	1,2-Dibromoethane	0.203	0.170	16.3	91	0.00
57	S	4-Bromofluorobenzene	0.373	0.315	15.5	91	0.00
58	RT	Tetrachloroethene	0.321	0.260	19.0	88	0.00
59	Rt	Chlorobenzene	0.818	0.688	15.9	89	0.00
60	T	1,1,1,2-Tetrachloroethane	0.267	0.222	16.9	85	0.00
61	t	Pentachloroethane	0.192	0.163	15.1	88	0.00
62	t	Hexachloroethane	0.167	0.146	12.6	86	0.00
63	Rt	Ethyl Benzene	1.397	1.191	14.7	88	0.00
64	RT	m/p-Xylenes	0.537	0.466	13.2	90	0.00
65	RT	o-Xylene	0.537	0.457	14.9	89	0.00
66	RT	Styrene	0.858	0.774	9.8	91	0.00
67	t	Bromoform	0.114	0.095	16.7	82	0.00
68	S	1,2-Dichlorobenzene-d4	0.380	0.351	7.6	94	0.00
69	T	Isopropylbenzene	1.305	1.120	14.2	88	0.00
70	T	1,1,2,2-Tetrachloroethane	0.300	0.257	14.3	91	0.00
71	T	1,2,3-Trichloropropane	0.222	0.199	10.4	98	0.00
72	t	Bromobenzene	0.338	0.295	12.7	92	0.00
73	t	n-propylbenzene	0.377	0.333	11.7	88	0.00
74	t	2-Chlorotoluene	0.341	0.300	12.0	91	0.00
75	t	1,3,5-Trimethylbenzene	1.220	1.092	10.5	91	0.00
76	t	4-Chlorotoluene	0.357	0.305	14.6	90	0.00
77	t	tert-Butylbenzene	1.180	1.029	12.8	90	0.00
78	t	1,2,4-Trimethylbenzene	1.188	1.089	8.3	91	0.00
79	t	sec-Butylbenzene	1.598	1.417	11.3	90	0.00
80		Nitrobenzene	0.004	0.004	0.0	80	0.00
81	t	p-Isopropyltoluene	1.286	1.171	8.9	90	0.00
82	t	1,3-Dichlorobenzene	0.681	0.594	12.8	90	0.00
83	Rt	1,4-Dichlorobenzene	0.700	0.595	15.0	91	0.00
84	t	n-Butylbenzene	1.205	1.086	9.9	89	0.00
85	Rt	1,2-Dichlorobenzene	0.657	0.573	12.8	92	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.039	0.035	10.3	90	0.00
87	Rt	1,2,4-Trichlorobenzene	0.398	0.339	14.8	86	0.00
88	t	Hexachlorobutadiene	0.248	0.219	11.7	91	0.00
89	t	Naphthalene	0.703	0.609	13.4	89	0.00
90	t	1,2,3-Trichlorobenzene	0.378	0.347	8.2	94	0.00

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