Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021125\
Data File : VU063227.D
Acq On : 11 Feb 2025 08:50
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025

Quant Time: Feb 12 03:08:06 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	98	0.00
2	T	Dichlorodifluoromethane	0.325	0.201	38.2#	64	0.00
3	t	Chloromethane	0.374	0.260	30.5#	72	0.00
4	Rt	Vinyl Chloride	0.370	0.285	23.0	76	0.00
5	T	Bromomethane	0.181	0.169	6.6	86	0.00
6	T	Chloroethane	0.233	0.187	19.7	82	0.00
7	T	Trichlorofluoromethane	0.439	0.372	15.3	86	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.249	0.241	3.2	102	0.00
9	Rt	1,1-Dichloroethene	0.254	0.241	5.1	95	0.00
10	t	Iodomethane	0.399	0.366	8.3	88	0.00
11	t	Allyl Chloride	0.364	0.365	-0.3	98	0.00
12	t	Acrylonitrile	0.059	0.142	-140.7#	213#	0.00
13	T	Acetone	0.045	0.042	6.7	86	0.00
14	T	Carbon Disulfide	0.887	0.713	19.6	81	0.00
15	RT	Methylene Chloride	0.313	0.277	11.5	89	0.00
16	RT	trans-1,2-Dichloroethene	0.290	0.256	11.7	87	0.00
17	t	1,1-Dichloroethane	0.546	0.500	8.4	91	0.00
18	T	2-Butanone	0.072	0.066	8.3	82	0.00
19		Cyclohexane	0.439	0.414	5.7	89	0.00
20		Methylcyclohexane	0.435	0.442	-1.6	96	0.00
21	T	2,2-Dichloropropane	0.426	0.406	4.7	95	0.00
22	RT	cis-1,2-Dichloroethene	0.313	0.312	0.3	97	0.00
23	t	Diethyl Ether	0.218	0.182	16.5	82	0.00
24	t	tert-Butyl Alcohol	0.026	0.008	69.2#	33	0.04
25	t	Methyl tert-Butyl Ether	0.634	0.612	3.5	89	0.00
26	t	Bromochloromethane	0.137	0.131	4.4	93	0.00
27	t	Chloroform	0.551	0.512	7.1	92	0.00
28	RT	1,1,1-Trichloroethane	0.446	0.423	5.2	94	0.00
29	T	1,1-Dichloropropene	0.400	0.348	13.0	84	0.00
30	RT	Carbon Tetrachloride	0.383	0.356	7.0	92	0.00
31	t	Isopropyl Ether	0.779	0.821	-5.4	99	0.00
32		Ethyl-t-butyl ether	0.709	0.000	100.0#	0#	-4.48#
33		Tert-Amyl methyl ether	0.619	0.000	100.0#	0#	-5.93#
34	t	Propionitrile	0.022	0.043	-95.5#	171	0.00
35	RT	Benzene	1.229	1.143	7.0	91	0.00
36	RT	1,2-Dichloroethane	0.355	0.302	14.9	83	0.00
37	RT	Trichloroethene	0.292	0.259	11.3	87	0.00
38	Rt	1,2-Dichloropropane	0.322	0.283	12.1	85	0.00
39	t	Methacrylonitrile	0.080	0.083	-3.8	83	0.00
40	t	Methyl acrylate	0.148	0.145	2.0	86	0.00
41	t	Tetrahydrofuran	0.047	0.109	-131.9#	207#	0.00
42	t	1-Chlorobutane	0.547	0.531	2.9	92	0.00
43	T	Dibromomethane	0.163	0.147	9.8	89	0.00
44	T	Bromodichloromethane	0.379	0.381	-0.5	95	0.00
45	T	4-Methyl-2-Pentanone	0.171	0.167	2.3	83	0.00
46	t	t-1,4-Dichloro-2-butene	0.080	0.044	45.0#	51	0.00
47	t	Methyl methacrylate	0.137	0.066	51.8#	40	0.00
48	t	Ethyl methacrylate	0.258	0.267	-3.5	83	0.00
49	Rt	Toluene	0.707	0.698	1.3	92	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.347	0.337	2.9	86	0.00
51	T	cis-1,3-Dichloropropene	0.429	0.399	7.0	85	0.00
52	RT	1,1,2-Trichloroethane	0.220	0.199	9.5	86	0.00
53	t	1,3-Dichloropropane	0.390	0.347	11.0	84	0.00
54	t	2-Hexanone	0.117	0.113	3.4	81	0.00
55	t	Dibromochloromethane	0.253	0.242	4.3	88	0.00
56	T	1,2-Dibromoethane	0.206	0.186	9.7	83	0.00
57	S	4-Bromofluorobenzene	0.330	0.447	-35.5#	122	0.00
58	RT	Tetrachloroethene	0.241	0.232	3.7	97	0.00
59	Rt	Chlorobenzene	0.746	0.728	2.4	93	0.00
60	T	1,1,1,2-Tetrachloroethane	0.268	0.245	8.6	87	0.00
61	t	Pentachloroethane	0.239	0.225	5.9	91	0.00
62	t	Hexachloroethane	0.212	0.208	1.9	92	0.00
63	Rt	Ethyl Benzene	1.286	1.333	-3.7	93	0.00
64	RT	m/p-Xylenes	0.480	0.509	-6.0	93	0.00
65	RT	o-Xylene	0.470	0.488	-3.8	93	0.00
66	RT	Styrene	0.748	0.810	-8.3	92	0.00
67	t	Bromoform	0.143	0.138	3.5	86	0.00
68	S	1,2-Dichlorobenzene-d4	0.343	0.327	4.7	93	0.00
69	T	Isopropylbenzene	1.106	1.301	-17.6	105	0.00
70	T	1,1,2,2-Tetrachloroethane	0.296	0.253	14.5	80	0.00
71	T	1,2,3-Trichloropropane	0.222	0.188	15.3	90	0.00
72	t	Bromobenzene	0.298	0.296	0.7	92	0.00
73	t	n-propylbenzene	0.317	0.340	-7.3	94	0.00
74	t	2-Chlorotoluene	0.292	0.305	-4.5	94	0.00
75	t	1,3,5-Trimethylbenzene	1.024	1.112	-8.6	95	0.00
76	t	4-Chlorotoluene	0.299	0.310	-3.7	94	0.00
77	t	tert-Butylbenzene	1.036	1.073	-3.6	94	0.00
78	t	1,2,4-Trimethylbenzene	1.016	1.092	-7.5	92	0.00
79	t	sec-Butylbenzene	1.319	1.433	-8.6	97	0.00
80		Nitrobenzene	0.007	0.001	85.7#	14#	0.00
81	t	p-Isopropyltoluene	1.041	1.153	-10.8	96	0.00
82	t	1,3-Dichlorobenzene	0.578	0.578	0.0	95	0.00
83	Rt	1,4-Dichlorobenzene	0.565	0.573	-1.4	93	0.00
84	t	n-Butylbenzene	0.933	1.073	-15.0	100	0.00
85	Rt	1,2-Dichlorobenzene	0.555	0.540	2.7	92	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.042	0.037	11.9	75	0.00
87	Rt	1,2,4-Trichlorobenzene	0.271	0.326	-20.3	104	0.00
88	t	Hexachlorobutadiene	0.194	0.191	1.5	103	0.00
89	t	Naphthalene	0.436	0.479	-9.9	84	0.00
90	t	1,2,3-Trichlorobenzene	0.265	0.277	-4.5	90	0.00

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