Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU073024\
Data File : VU060272.D
Acq On : 30 Jul 2024 19:27
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU073024

Quant Time: Jul 31 04:54:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U073024DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 31 04:49:33 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	92	0.00
2	T	Dichlorodifluoromethane	0.358	0.185	48.3#	46	0.00
3	t	Chloromethane	0.431	0.319	26.0	68	0.00
4	Rt	Vinyl Chloride	0.417	0.325	22.1	68	0.00
5	T	Bromomethane	0.254	0.209	17.7	74	0.00
6	T	Chloroethane	0.251	0.212	15.5	75	0.00
7	T	Trichlorofluoromethane	0.472	0.401	15.0	76	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.263	0.252	4.2	85	0.00
9	Rt	1,1-Dichloroethene	0.268	0.261	2.6	84	0.00
10	t	Iodomethane	0.327	0.314	4.0	83	0.00
11	t	Allyl Chloride	0.388	0.401	-3.4	93	0.00
12	t	Acrylonitrile	0.076	0.186	-144.7#	212#	0.00
13	T	Acetone	0.078	0.046	41.0#	63	0.01
14	T	Carbon Disulfide	0.948	0.838	11.6	78	0.00
15	RT	Methylene Chloride	0.375	0.323	13.9	85	0.00
16	RT	trans-1,2-Dichloroethene	0.296	0.277	6.4	83	0.00
17	t	1,1-Dichloroethane	0.568	0.563	0.9	87	0.00
18	T	2-Butanone	0.105	0.083	21.0	78	0.00
19		Cyclohexane	0.514	0.467	9.1	82	0.00
20		Methylcyclohexane	0.405	0.399	1.5	78	0.00
21	T	2,2-Dichloropropane	0.423	0.373	11.8	79	0.00
22	RT	cis-1,2-Dichloroethene	0.319	0.327	-2.5	90	0.00
23	t	Diethyl Ether	0.230	0.210	8.7	80	0.00
24	t	tert-Butyl Alcohol	0.026	0.013	50.0#	44	0.03
25	t	Methyl tert-Butyl Ether	0.689	0.699	-1.5	88	0.00
26	t	Bromochloromethane	0.128	0.134	-4.7	95	0.00
27	t	Chloroform	0.551	0.544	1.3	88	0.00
28	RT	1,1,1-Trichloroethane	0.454	0.439	3.3	85	0.00
29	T	1,1-Dichloropropene	0.368	0.345	6.3	81	0.00
30	RT	Carbon Tetrachloride	0.368	0.353	4.1	84	0.00
31	t	Isopropyl Ether	0.855	0.900	-5.3	91	0.00
32		Ethyl-t-butyl ether	0.801	0.000	100.0#	0#	-4.50#
33		Tert-Amyl methyl ether	0.573	0.000	100.0#	0#	-5.95#
34	t	Propionitrile	0.030	0.059	-96.7#	182	0.00
35	RT	Benzene	1.144	1.148	-0.3	85	0.00
36	RT	1,2-Dichloroethane	0.330	0.307	7.0	82	0.00
37	RT	Trichloroethene	0.282	0.256	9.2	79	0.00
38	Rt	1,2-Dichloropropane	0.318	0.301	5.3	80	0.00
39	t	Methacrylonitrile	0.114	0.110	3.5	88	0.00
40	t	Methyl acrylate	0.188	0.188	0.0	89	0.00
41	t	Tetrahydrofuran	0.059	0.143	-142.4#	218#	0.00
42	t	1-Chlorobutane	0.519	0.512	1.3	86	0.00
43	T	Dibromomethane	0.158	0.163	-3.2	89	0.00
44	T	Bromodichloromethane	0.377	0.388	-2.9	89	0.00
45	T	4-Methyl-2-Pentanone	0.159	0.178	-11.9	88	0.00
46	t	t-1,4-Dichloro-2-butene	0.066	0.036	45.5#	44	0.00
47	t	Methyl methacrylate	0.138	0.068	50.7#	37	0.00
48	t	Ethyl methacrylate	0.231	0.274	-18.6	88	0.00
49	Rt	Toluene	0.635	0.701	-10.4	86	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.317	0.325	-2.5	83	0.00
51	T	cis-1,3-Dichloropropene	0.378	0.372	1.6	81	0.00
52	RT	1,1,2-Trichloroethane	0.228	0.223	2.2	84	0.00
53	t	1,3-Dichloropropane	0.374	0.376	-0.5	83	0.00
54	t	2-Hexanone	0.118	0.126	-6.8	86	0.00
55	t	Dibromochloromethane	0.250	0.262	-4.8	89	0.00
56	T	1,2-Dibromoethane	0.205	0.210	-2.4	86	0.00
57	S	4-Bromofluorobenzene	0.337	0.386	-14.5	95	0.00
58	RT	Tetrachloroethene	0.267	0.275	-3.0	87	0.00
59	Rt	Chlorobenzene	0.681	0.734	-7.8	87	0.00
60	T	1,1,1,2-Tetrachloroethane	0.262	0.254	3.1	83	0.00
61	t	Pentachloroethane	0.208	0.214	-2.9	89	0.00
62	t	Hexachloroethane	0.207	0.219	-5.8	89	0.00
63	Rt	Ethyl Benzene	1.092	1.268	-16.1	85	0.00
64	RT	m/p-Xylenes	0.431	0.524	-21.6	88	0.00
65	RT	o-Xylene	0.415	0.472	-13.7	85	0.00
66	RT	Styrene	0.680	0.871	-28.1	91	0.00
67	t	Bromoform	0.147	0.154	-4.8	89	0.00
68	S	1,2-Dichlorobenzene-d4	0.362	0.403	-11.3	101	0.00
69	T	Isopropylbenzene	1.057	1.279	-21.0	90	0.00
70	T	1,1,2,2-Tetrachloroethane	0.305	0.302	1.0	83	0.00
71	T	1,2,3-Trichloropropane	0.223	0.220	1.3	83	0.00
72	t	Bromobenzene	0.276	0.308	-11.6	91	0.00
73	t	n-propylbenzene	0.290	0.345	-19.0	87	0.00
74	t	2-Chlorotoluene	0.276	0.321	-16.3	89	0.00
75	t	1,3,5-Trimethylbenzene	0.909	1.134	-24.8	90	0.00
76	t	4-Chlorotoluene	0.280	0.340	-21.4	90	0.00
77	t	tert-Butylbenzene	0.870	1.034	-18.9	90	0.00
78	t	1,2,4-Trimethylbenzene	0.901	1.144	-27.0	88	0.00
79	t	sec-Butylbenzene	1.185	1.431	-20.8	88	0.00
80		Nitrobenzene	0.014	0.003	78.6#	19#	0.00
81	t	p-Isopropyltoluene	0.924	1.169	-26.5	89	0.00
82	t	1,3-Dichlorobenzene	0.559	0.622	-11.3	90	0.00
83	Rt	1,4-Dichlorobenzene	0.557	0.630	-13.1	89	0.00
84	t	n-Butylbenzene	0.846	1.053	-24.5	89	0.00
85	Rt	1,2-Dichlorobenzene	0.543	0.604	-11.2	89	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.043	0.044	-2.3	83	0.00
87	Rt	1,2,4-Trichlorobenzene	0.284	0.358	-26.1	99	0.00
88	t	Hexachlorobutadiene	0.187	0.194	-3.7	88	0.00
89	t	Naphthalene	0.489	0.634	-29.7	96	0.00
90	t	1,2,3-Trichlorobenzene	0.277	0.340	-22.7	91	0.00

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