Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081922\
Data File : VU050376.D
Acq On : 19 Aug 2022 16:13
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU081922

Quant Time: Aug 25 20:01:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 25 14:01:59 2022
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	101	0.00
2	T	Dichlorodifluoromethane	0.414	0.388	6.3	91	0.00
3	t	Chloromethane	0.504	0.462	8.3	92	0.00
4	Rt	Vinyl Chloride	0.431	0.432	-0.2	97	0.00
5	T	Bromomethane	0.176	0.151	14.2	89	0.00
6	T	Chloroethane	0.260	0.242	6.9	90	0.00
7	T	Trichlorofluoromethane	0.537	0.520	3.2	94	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.300	0.290	3.3	96	0.00
9	Rt	1,1-Dichloroethene	0.295	0.292	1.0	97	0.00
10	t	Iodomethane	0.243	0.176	27.6	69	0.00
11	t	Allyl Chloride	0.454	0.449	1.1	97	0.00
12	t	Acrylonitrile	0.088	0.191	-117.0#	208#	0.00
13	T	Acetone	0.062	0.070	-12.9	112	0.00
14	T	Carbon Disulfide	0.912	0.973	-6.7	106	0.00
15	RT	Methylene Chloride	0.398	0.345	13.3	96	0.00
16	RT	trans-1,2-Dichloroethene	0.304	0.302	0.7	97	0.00
17	t	1,1-Dichloroethane	0.634	0.593	6.5	92	0.00
18	T	2-Butanone	0.097	0.095	2.1	93	0.00
19		Cyclohexane	0.460	0.430	6.5	93	0.00
20		Methylcyclohexane	0.363	0.447	-23.1	105	0.00
21	T	2,2-Dichloropropane	0.482	0.454	5.8	99	0.00
22	RT	cis-1,2-Dichloroethene	0.344	0.340	1.2	97	0.00
23	t	Diethyl Ether	0.253	0.226	10.7	87	0.00
24	t	tert-Butyl Alcohol	0.032	0.013	59.4#	45	0.00
25	t	Methyl tert-Butyl Ether	0.782	0.723	7.5	91	0.00
26	t	Bromochloromethane	0.138	0.111	19.6	81	0.00
27	t	Chloroform	0.614	0.553	9.9	89	0.00
28	RT	1,1,1-Trichloroethane	0.524	0.455	13.2	86	0.00
29	T	1,1-Dichloropropene	0.420	0.394	6.2	94	0.00
30	RT	Carbon Tetrachloride	0.420	0.384	8.6	87	0.00
31	t	Isopropyl Ether	0.984	0.903	8.2	91	0.00
32		Ethyl-t-butyl ether	0.773	0.000	100.0#	0#	-4.51#
33		Tert-Amyl methyl ether	0.504	0.000	100.0#	0#	-5.95#
34	t	Propionitrile	0.029	0.059	-103.4#	227#	0.00
35	RT	Benzene	1.234	1.204	2.4	93	0.00
36	RT	1,2-Dichloroethane	0.377	0.350	7.2	91	0.00
37	RT	Trichloroethene	0.296	0.289	2.4	95	0.00
38	Rt	1,2-Dichloropropane	0.331	0.322	2.7	90	0.00
39	t	Methacrylonitrile	0.118	0.093	21.2	85	0.00
40	t	Methyl acrylate	0.179	0.181	-1.1	110	0.00
41	t	Tetrahydrofuran	0.059	0.124	-110.2#	209#	0.00
42	t	1-Chlorobutane	0.598	0.535	10.5	90	0.00
43	T	Dibromomethane	0.179	0.174	2.8	93	0.00
44	T	Bromodichloromethane	0.421	0.404	4.0	92	0.00
45	T	4-Methyl-2-Pentanone	0.179	0.179	0.0	84	0.00
46	t	t-1,4-Dichloro-2-butene	0.090	0.077	14.4	68	0.00
47	t	Methyl methacrylate	0.134	0.067	50.0#	40	0.00
48	t	Ethyl methacrylate	0.244	0.255	-4.5	86	0.00
49	Rt	Toluene	0.663	0.735	-10.9	93	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.328	0.364	-11.0	98	0.00
51	T	cis-1,3-Dichloropropene	0.376	0.411	-9.3	98	0.00
52	RT	1,1,2-Trichloroethane	0.263	0.244	7.2	88	0.00
53	t	1,3-Dichloropropane	0.413	0.407	1.5	90	0.00
54	t	2-Hexanone	0.125	0.129	-3.2	88	0.00
55	t	Dibromochloromethane	0.289	0.270	6.6	90	0.00
56	T	1,2-Dibromoethane	0.236	0.231	2.1	91	0.00
57	S	4-Bromofluorobenzene	0.340	0.409	-20.3	104	0.00
58	RT	Tetrachloroethene	0.278	0.279	-0.4	96	0.00
59	Rt	Chlorobenzene	0.716	0.741	-3.5	91	0.00
60	T	1,1,1,2-Tetrachloroethane	0.301	0.272	9.6	85	0.00
61	t	Pentachloroethane	0.250	0.241	3.6	90	0.00
62	t	Hexachloroethane	0.208	0.211	-1.4	91	0.00
63	Rt	Ethyl Benzene	1.140	1.314	-15.3	92	0.00
64	RT	m/p-Xylenes	0.444	0.546	-23.0	94	0.00
65	RT	o-Xylene	0.423	0.488	-15.4	91	0.00
66	RT	Styrene	0.720	0.857	-19.0	89	0.00
67	t	Bromoform	0.164	0.154	6.1	88	0.00
68	S	1,2-Dichlorobenzene-d4	0.402	0.421	-4.7	100	0.00
69	T	Isopropylbenzene	1.100	1.326	-20.5	95	0.00
70	T	1,1,2,2-Tetrachloroethane	0.361	0.316	12.5	83	0.00
71	T	1,2,3-Trichloropropane	0.272	0.203	25.4	69	0.00
72	t	Bromobenzene	0.309	0.321	-3.9	91	0.00
73	t	n-propylbenzene	0.300	0.349	-16.3	88	0.00
74	t	2-Chlorotoluene	0.291	0.330	-13.4	91	0.00
75	t	1,3,5-Trimethylbenzene	0.973	1.163	-19.5	90	0.00
76	t	4-Chlorotoluene	0.298	0.321	-7.7	82	0.00
77	t	tert-Butylbenzene	0.957	1.061	-10.9	89	0.00
78	t	1,2,4-Trimethylbenzene	1.003	1.218	-21.4	92	0.00
79	t	sec-Butylbenzene	1.258	1.493	-18.7	92	0.00
80		Nitrobenzene	0.020	0.004	80.0#	19#	0.00
81	t	p-Isopropyltoluene	1.003	1.208	-20.4	91	0.00
82	t	1,3-Dichlorobenzene	0.636	0.692	-8.8	94	0.00
83	Rt	1,4-Dichlorobenzene	0.633	0.687	-8.5	93	0.00
84	t	n-Butylbenzene	0.948	1.106	-16.7	92	0.00
85	Rt	1,2-Dichlorobenzene	0.625	0.657	-5.1	92	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.057	0.051	10.5	86	0.00
87	Rt	1,2,4-Trichlorobenzene	0.357	0.441	-23.5	105	0.00
88	t	Hexachlorobutadiene	0.232	0.238	-2.6	94	0.00
89	t	Naphthalene	0.786	0.952	-21.1	105	0.00
90	t	1,2,3-Trichlorobenzene	0.376	0.432	-14.9	95	0.00

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