Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020923\
Data File : VN076599.D
Acq On : 09 Feb 2023 19:50
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN020923

Quant Time: Feb 10 05:44:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020923W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Feb 10 05:40:47 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	101	-0.01
2	M	Dichlorodifluoromethane	4.152	4.455	-7.3	103	0.00
3	M	Chloromethane	4.993	4.345	13.0	98	0.00
4	M	Vinyl Chloride	4.359	3.901	10.5	104	0.00
5	M	Bromomethane	2.189	2.185	0.2	117	0.02
6	M	Chloroethane	2.511	2.099	16.4	100	0.00
7	M	Trichlorofluoromethane	7.402	7.233	2.3	100	0.00
8	T	Diethyl Ether	2.348	2.436	-3.7	103	-0.02
9		1,1,2-Trichlorotrifluoroeth	3.563	3.643	-2.2	104	0.00
10	M	1,1-Dichloroethene	3.349	3.318	0.9	97	0.00
11		Methyl Iodide	4.865	4.898	-0.7	101	-0.01
12		Methyl Acetate	7.027	6.772	3.6	99	0.00
13	M	Acrolein	0.900	0.838	6.9	92	-0.01
14	M	Acrylonitrile	2.059	2.103	-2.1	104	0.00
15	M	Acetone	0.594	0.545	8.2	92	0.00
16	M	Carbon Disulfide	9.203	9.415	-2.3	102	0.00
17		Allyl chloride	6.455	6.386	1.1	100	0.00
18	M	Methylene Chloride	3.962	3.866	2.4	96	-0.01
19	M	trans-1,2-Dichloroethene	3.440	3.597	-4.6	100	0.00
20	T	Diisopropyl ether	14.735	13.682	7.1	97	-0.01
21	M	1,1-Dichloroethane	8.035	7.466	7.1	98	0.00
22	M	cis-1,2-Dichloroethene	4.122	4.037	2.1	97	0.00
23	M	tert-Butyl Alcohol	0.691	0.779	-12.7	110	-0.03
24	M	Methyl tert-Butyl Ether	12.060	12.676	-5.1	101	0.00
25	M	Chloroform	7.951	7.704	3.1	99	0.00
26		Cyclohexane	7.130	6.671	6.4	100	0.00
27	s	1,2-Dichloroethane-d4	3.536	3.689	-4.3	106	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
29		1,1-Dichloropropene	0.777	0.783	-0.8	104	0.00
30	M	2-Butanone	0.419	0.415	1.0	100	-0.01
31		2,2-Dichloropropane	0.806	0.802	0.5	99	0.00
32	M	1,1,1-Trichloroethane	0.963	0.949	1.5	101	0.00
33	M	Carbon Tetrachloride	0.831	0.816	1.8	100	0.00
34	M	Benzene	2.386	2.182	8.5	98	0.00
35		Methacrylonitrile	0.482	0.470	2.5	103	0.00
36	M	1,2-Dichloroethane	0.915	0.929	-1.5	104	0.00
37	M	Trichloroethene	0.489	0.509	-4.1	104	0.00
38		Methylcyclohexane	0.859	0.890	-3.6	99	0.00
39	M	1,2-Dichloropropane	0.569	0.568	0.2	101	0.00
40		Dibromomethane	0.375	0.377	-0.5	99	0.00
41	M	Bromodichloromethane	0.788	0.803	-1.9	98	0.00
42	M	Vinyl Acetate	1.363	1.328	2.6	104	0.00
43		Ethyl Acetate	0.855	0.917	-7.3	107	-0.01
44		Isopropyl Acetate	1.406	1.402	0.3	106	0.00
45	T	1,4-Dioxane	0.011	0.012	-9.1	99	0.00
46		Methyl methacrylate	0.678	0.694	-2.4	105	0.00
47		n-amyl Acetate	1.195	1.231	-3.0	106	0.00
48	M	t-1,3-Dichloropropene	0.793	0.812	-2.4	101	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.876	0.899	-2.6	102	0.00
50	M	1,1,2-Trichloroethane	0.509	0.510	-0.2	100	0.00
51		Ethyl methacrylate	0.808	0.836	-3.5	102	0.00
52		1,3-Dichloropropane	0.948	0.931	1.8	97	0.00
53	M	Dibromochloromethane	0.529	0.541	-2.3	100	0.00
54	M	1,2-Dibromoethane	0.515	0.511	0.8	97	0.00
55	M	2-Chloroethyl vinyl ether	0.369	0.380	-3.0	105	0.00
56	M	Bromoform	0.340	0.343	-0.9	102	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
58	M	4-Methyl-2-Pentanone	0.839	0.811	3.3	103	0.00
59	M	2-Hexanone	0.610	0.592	3.0	103	0.00
60	S	4-Bromofluorobenzene	0.677	0.623	8.0	104	0.00
61	M	Tetrachloroethene	0.383	0.369	3.7	97	0.00
62	M	Toluene	2.224	2.082	6.4	99	0.00
63	S	Toluene-d8	1.102	1.078	2.2	102	0.00
64	M	Chlorobenzene	1.288	1.234	4.2	99	0.00
65		1,1,1,2-Tetrachloroethane	0.488	0.468	4.1	102	0.00
66	M	Ethyl Benzene	2.438	2.356	3.4	100	0.00
67	M	m/p-Xylenes	0.915	0.877	4.2	100	0.00
68	M	o-Xylene	0.901	0.852	5.4	97	0.00
69	M	Styrene	1.431	1.383	3.4	101	0.00
70		Isopropylbenzene	2.415	2.273	5.9	101	0.00
71	M	1,1,2,2-Tetrachloroethane	0.842	0.729	13.4	100	0.00
72		1,2,3-Trichloropropane	0.769	0.623	19.0	99	0.00
73		Bromobenzene	0.573	0.501	12.6	102	0.00
74		n-propylbenzene	3.098	2.696	13.0	100	0.00
75		2-Chlorotoluene	1.949	1.690	13.3	100	0.00
76		1,3,5-Trimethylbenzene	2.256	2.008	11.0	101	0.00
77		t-1,4-Dichloro-2-butene	0.232	0.214	7.8	108	0.00
78		4-Chlorotoluene	1.959	1.652	15.7	100	0.00
79		tert-butylbenzene	1.914	1.695	11.4	99	0.00
80		1,2,4-Trimethylbenzene	2.224	1.940	12.8	100	0.00
81		sec-Butylbenzene	2.681	2.323	13.4	100	0.00
82		p-Isopropyltoluene	2.154	1.904	11.6	99	0.00
83	M	1,3-Dichlorobenzene	1.060	0.908	14.3	99	0.00
84	M	1,4-Dichlorobenzene	1.058	0.899	15.0	103	0.00
85		n-Butylbenzene	2.000	1.639	18.1	103	0.00
86	T	Hexachloroethane	0.418	0.345	17.5	101	0.00
87	M	1,2-Dichlorobenzene	1.164	0.932	19.9	102	0.00
88		1,2-Dibromo-3-Chloropropane	0.172	0.167	2.9	103	0.01
89		1,2,4-Trichlorobenzene	0.485	0.476	1.9	105	0.00
90		Hexachlorobutadiene	0.234	0.234	0.0	104	0.00
91	M	Naphthalene	1.656	1.642	0.8	103	0.00
92		1,2,3-Trichlorobenzene	0.484	0.481	0.6	104	0.00

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