Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031623\
Data File : VN077023.D
Acq On : 16 Mar 2023 16:46
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Mar 17 03:24:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 09 04:16:54 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	75	0.00
2	M	Dichlorodifluoromethane	3.839	3.303	14.0	70	0.00
3	M	Chloromethane	3.509	2.748	21.7	66	0.00
4	M	Vinyl Chloride	3.200	3.040	5.0	79	0.00
5	M	Bromomethane	2.046	1.968	3.8	83	0.00
6	M	Chloroethane	1.880	1.804	4.0	81	0.00
7	M	Trichlorofluoromethane	5.977	6.489	-8.6	91	0.00
8	T	Diethyl Ether	2.242	2.484	-10.8	94	0.00
9		1,1,2-Trichlorotrifluoroeth	3.386	3.743	-10.5	92	0.00
10	M	1,1-Dichloroethene	3.287	3.563	-8.4	90	0.00
11		Methyl Iodide	3.960	4.497	-13.6	95	0.00
12		Methyl Acetate	5.406	6.696	-23.9	103	0.00
13	M	Acrolein	0.799	0.784	1.9	83	0.00
14	M	Acrylonitrile	1.781	2.110	-18.5	100	-0.01
15	M	Acetone	0.485	0.549	-13.2	94	0.00
16	M	Carbon Disulfide	9.114	10.175	-11.6	94	0.00
17		Allyl chloride	4.930	6.134	-24.4	106	0.00
18	M	Methylene Chloride	3.845	4.191	-9.0	93	0.00
19	M	trans-1,2-Dichloroethene	3.463	3.834	-10.7	94	0.00
20	T	Diisopropyl ether	11.122	14.019	-26.0#	103	-0.01
21	M	1,1-Dichloroethane	6.618	7.902	-19.4	101	0.00
22	M	cis-1,2-Dichloroethene	3.969	4.456	-12.3	92	0.00
23	M	tert-Butyl Alcohol	0.517	0.633	-22.4	103	0.00
24	M	Methyl tert-Butyl Ether	10.716	12.480	-16.5	97	0.00
25	M	Chloroform	6.799	7.685	-13.0	96	0.00
26		Cyclohexane	6.043	6.912	-14.4	94	0.00
27	s	1,2-Dichloroethane-d4	2.757	2.990	-8.5	79	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
29		1,1-Dichloropropene	0.707	0.769	-8.8	97	0.00
30	M	2-Butanone	0.322	0.374	-16.1	102	0.00
31		2,2-Dichloropropane	0.700	0.799	-14.1	100	0.00
32	M	1,1,1-Trichloroethane	0.824	0.881	-6.9	94	0.00
33	M	Carbon Tetrachloride	0.729	0.743	-1.9	91	0.00
34	M	Benzene	2.166	2.318	-7.0	95	0.00
35		Methacrylonitrile	0.363	0.336	7.4	84	0.00
36	M	1,2-Dichloroethane	0.726	0.810	-11.6	99	0.00
37	M	Trichloroethene	0.534	0.511	4.3	84	0.00
38		Methylcyclohexane	0.880	0.914	-3.9	91	0.00
39	M	1,2-Dichloropropane	0.557	0.615	-10.4	95	0.00
40		Dibromomethane	0.355	0.381	-7.3	94	0.00
41	M	Bromodichloromethane	0.727	0.785	-8.0	94	0.00
42	M	Vinyl Acetate	1.005	1.215	-20.9	107	0.00
43		Ethyl Acetate	0.651	0.823	-26.4#	111	0.00
44		Isopropyl Acetate	1.054	1.518	-44.0#	126	0.00
45	T	1,4-Dioxane	0.009	0.010	-11.1	99	0.00
46		Methyl methacrylate	0.514	0.598	-16.3	101	0.00
47		n-amyl Acetate	0.858	1.028	-19.8	108	0.00
48	M	t-1,3-Dichloropropene	0.728	0.813	-11.7	100	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.827	0.928	-12.2	99	0.00
50	M	1,1,2-Trichloroethane	0.519	0.546	-5.2	94	0.00
51		Ethyl methacrylate	0.766	0.815	-6.4	93	0.00
52		1,3-Dichloropropane	0.897	0.971	-8.2	95	0.00
53	M	Dibromochloromethane	0.530	0.544	-2.6	91	0.00
54	M	1,2-Dibromoethane	0.501	0.525	-4.8	93	0.00
55	M	2-Chloroethyl vinyl ether	0.269	0.388	-44.2#	125	0.00
56	M	Bromoform	0.355	0.352	0.8	88	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	76	0.00
58	M	4-Methyl-2-Pentanone	0.606	0.721	-19.0	101	0.00
59	M	2-Hexanone	0.431	0.522	-21.1	102	0.00
60	S	4-Bromofluorobenzene	0.568	0.569	-0.2	76	0.00
61	M	Tetrachloroethene	0.474	0.396	16.5	72	0.00
62	M	Toluene	2.067	2.231	-7.9	92	0.00
63	S	Toluene-d8	1.055	1.085	-2.8	76	0.00
64	M	Chlorobenzene	1.217	1.300	-6.8	91	0.00
65		1,1,1,2-Tetrachloroethane	0.457	0.487	-6.6	93	0.00
66	M	Ethyl Benzene	2.244	2.442	-8.8	93	0.00
67	M	m/p-Xylenes	0.850	0.937	-10.2	92	0.00
68	M	o-Xylene	0.830	0.915	-10.2	93	0.00
69	M	Styrene	1.346	1.461	-8.5	91	0.00
70		Isopropylbenzene	2.160	2.380	-10.2	93	0.00
71	M	1,1,2,2-Tetrachloroethane	0.651	0.755	-16.0	99	0.00
72		1,2,3-Trichloropropane	0.597	0.575	3.7	84	0.00
73		Bromobenzene	0.487	0.505	-3.7	90	0.00
74		n-propylbenzene	2.549	2.819	-10.6	93	0.00
75		2-Chlorotoluene	1.576	1.709	-8.4	92	0.00
76		1,3,5-Trimethylbenzene	1.869	2.044	-9.4	92	0.00
77		t-1,4-Dichloro-2-butene	0.182	0.224	-23.1	104	0.00
78		4-Chlorotoluene	1.520	1.646	-8.3	93	0.00
79		tert-butylbenzene	1.563	1.654	-5.8	90	0.00
80		1,2,4-Trimethylbenzene	1.837	1.985	-8.1	90	0.00
81		sec-Butylbenzene	2.236	2.472	-10.6	92	0.00
82		p-Isopropyltoluene	1.808	1.965	-8.7	90	0.00
83	M	1,3-Dichlorobenzene	0.902	0.963	-6.8	91	0.00
84	M	1,4-Dichlorobenzene	0.876	0.924	-5.5	90	0.00
85		n-Butylbenzene	1.532	1.668	-8.9	93	0.00
86	T	Hexachloroethane	0.323	0.364	-12.7	98	0.00
87	M	1,2-Dichlorobenzene	0.899	0.944	-5.0	89	0.00
88		1,2-Dibromo-3-Chloropropane	0.127	0.138	-8.7	96	0.00
89		1,2,4-Trichlorobenzene	0.480	0.472	1.7	86	0.00
90		Hexachlorobutadiene	0.253	0.245	3.2	83	0.00
91	M	Naphthalene	1.521	1.547	-1.7	87	0.00
92		1,2,3-Trichlorobenzene	0.481	0.471	2.1	83	0.00

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