Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092722\
Data File : VN074640.D
Acq On : 27 Sep 2022 20:30
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Sep 28 08:10:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 28 07:48:31 2022
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	72	0.00
2	M	Dichlorodifluoromethane	1.763	1.725	2.2	69	0.00
3	M	Chloromethane	2.589	3.190	-23.2	87	0.00
4	M	Vinyl Chloride	3.315	4.249	-28.2#	90	0.00
5	M	Bromomethane	2.136	3.016	-41.2#	90	0.00
6	M	Chloroethane	2.343	3.009	-28.4#	91	0.00
7	M	Trichlorofluoromethane	3.079	3.187	-3.5	73	0.00
8	T	Diethyl Ether	1.624	1.784	-9.9	77	0.00
9		1,1,2-Trichlorotrifluoroeth	1.974	1.871	5.2	69	0.00
10	M	1,1-Dichloroethene	2.035	2.026	0.4	70	0.00
11		Methyl Iodide	2.607	2.666	-2.3	73	0.00
12		Methyl Acetate	4.357	4.905	-12.6	80	0.00
13	M	Acrolein	0.355	0.351	1.1	75	0.00
14	M	Acrylonitrile	1.766	1.949	-10.4	78	0.00
15	M	Acetone	0.464	0.489	-5.4	75	0.00
16	M	Carbon Disulfide	5.719	5.553	2.9	70	0.00
17		Allyl chloride	4.150	4.484	-8.0	76	0.00
18	M	Methylene Chloride	2.594	2.836	-9.3	76	0.00
19	M	trans-1,2-Dichloroethene	2.300	2.301	-0.0	73	0.00
20	T	Diisopropyl ether	9.078	9.871	-8.7	79	0.00
21	M	1,1-Dichloroethane	4.584	4.912	-7.2	76	0.00
22	M	cis-1,2-Dichloroethene	2.775	2.772	0.1	72	0.00
23	M	tert-Butyl Alcohol	0.727	0.816	-12.2	78	0.00
24	M	Methyl tert-Butyl Ether	8.433	8.958	-6.2	77	0.00
25	M	Chloroform	4.545	4.730	-4.1	75	0.00
26		Cyclohexane	4.122	3.963	3.9	67	0.00
27	s	1,2-Dichloroethane-d4	2.829	2.853	-0.8	72	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	66	0.00
29		1,1-Dichloropropene	0.560	0.568	-1.4	71	0.00
30	M	2-Butanone	0.428	0.508	-18.7	79	0.00
31		2,2-Dichloropropane	0.669	0.561	16.1	56	0.00
32	M	1,1,1-Trichloroethane	0.662	0.682	-3.0	70	0.00
33	M	Carbon Tetrachloride	0.554	0.551	0.5	68	0.00
34	M	Benzene	1.855	1.973	-6.4	72	0.00
35		Methacrylonitrile	0.407	0.518	-27.3#	87	0.00
36	M	1,2-Dichloroethane	0.606	0.676	-11.6	78	0.00
37	M	Trichloroethene	0.394	0.393	0.3	67	0.00
38		Methylcyclohexane	0.725	0.655	9.7	62	0.00
39	M	1,2-Dichloropropane	0.491	0.550	-12.0	74	0.00
40		Dibromomethane	0.317	0.354	-11.7	76	0.00
41	M	Bromodichloromethane	0.630	0.678	-7.6	74	0.00
42	M	Vinyl Acetate	1.390	1.610	-15.8	78	0.00
43		Ethyl Acetate	0.828	0.941	-13.6	75	0.00
44		Isopropyl Acetate	1.345	1.611	-19.8	80	0.00
45	T	1,4-Dioxane	0.011	0.013	-18.2	73	0.00
46		Methyl methacrylate	0.560	0.663	-18.4	80	0.00
47		n-amyl Acetate	1.231	1.294	-5.1	75	0.00
48	M	t-1,3-Dichloropropene	0.765	0.744	2.7	70	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.796	0.804	-1.0	70	0.00
50	M	1,1,2-Trichloroethane	0.461	0.503	-9.1	72	0.00
51		Ethyl methacrylate	0.864	0.877	-1.5	72	0.00
52		1,3-Dichloropropane	0.817	0.895	-9.5	75	0.00
53	M	Dibromochloromethane	0.487	0.482	1.0	70	0.00
54	M	1,2-Dibromoethane	0.477	0.488	-2.3	71	0.00
55	M	2-Chloroethyl vinyl ether	0.335	0.357	-6.6	75	0.00
56	M	Bromoform	0.381	0.338	11.3	70	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	65	0.00
58	M	4-Methyl-2-Pentanone	0.931	1.156	-24.2	79	0.00
59	M	2-Hexanone	0.721	0.877	-21.6	78	0.00
60	S	4-Bromofluorobenzene	0.583	0.535	8.2	66	0.00
61	M	Tetrachloroethene	0.335	0.331	1.2	68	0.00
62	M	Toluene	2.197	2.230	-1.5	69	0.00
63	S	Toluene-d8	1.692	1.759	-4.0	68	0.00
64	M	Chlorobenzene	1.259	1.262	-0.2	66	0.00
65		1,1,1,2-Tetrachloroethane	0.473	0.486	-2.7	68	0.00
66	M	Ethyl Benzene	2.333	2.358	-1.1	67	0.00
67	M	m/p-Xylenes	0.937	0.883	5.8	67	0.00
68	M	o-Xylene	0.954	0.916	4.0	69	0.00
69	M	Styrene	1.604	1.462	8.9	68	0.00
70		Isopropylbenzene	2.433	2.212	9.1	66	0.00
71	M	1,1,2,2-Tetrachloroethane	0.864	0.964	-11.6	73	0.00
72		1,2,3-Trichloropropane	0.654	0.698	-6.7	75	0.00
73		Bromobenzene	0.489	0.467	4.5	66	0.00
74		n-propylbenzene	2.741	2.501	8.8	65	0.00
75		2-Chlorotoluene	1.663	1.521	8.5	65	0.00
76		1,3,5-Trimethylbenzene	2.051	1.789	12.8	65	0.00
77		t-1,4-Dichloro-2-butene	0.339	0.320	5.6	67	0.00
78		4-Chlorotoluene	1.667	1.409	15.5	64	0.00
79		tert-butylbenzene	1.795	1.554	13.4	65	0.00
80		1,2,4-Trimethylbenzene	2.026	1.832	9.6	69	0.00
81		sec-Butylbenzene	2.541	2.136	15.9	62	0.00
82		p-Isopropyltoluene	2.090	1.692	19.0	62	0.00
83	M	1,3-Dichlorobenzene	1.005	0.844	16.0	66	0.00
84	M	1,4-Dichlorobenzene	0.999	0.808	19.1	64	0.00
85		n-Butylbenzene	1.783	1.427	20.0	63	0.00
86	T	Hexachloroethane	0.403	0.390	3.2	65	0.00
87	M	1,2-Dichlorobenzene	1.028	0.895	12.9	68	0.00
88		1,2-Dibromo-3-Chloropropane	0.181	0.206	-13.8	78	0.00
89		1,2,4-Trichlorobenzene	0.429	0.387	9.8	65	0.00
90		Hexachlorobutadiene	0.189	0.167	11.6	61	0.00
91	M	Naphthalene	1.798	1.753	2.5	70	0.00
92		1,2,3-Trichlorobenzene	0.430	0.406	5.6	67	0.00

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