Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
Data File : VN074367.D
Acq On : 08 Sep 2022 19:05
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Sep 09 05:39:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 09 05:24:20 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	81	0.00
2	M	Dichlorodifluoromethane	2.124	1.971	7.2	71	0.00
3	M	Chloromethane	2.927	2.882	1.5	74	0.00
4	M	Vinyl Chloride	3.130	3.428	-9.5	85	0.00
5	M	Bromomethane	1.929	2.310	-19.8	81	0.00
6	M	Chloroethane	2.122	2.583	-21.7	93	0.00
7	M	Trichlorofluoromethane	3.541	3.578	-1.0	77	0.00
8	T	Diethyl Ether	1.476	1.437	2.6	72	0.00
9		1,1,2-Trichlorotrifluoroeth	2.072	2.052	1.0	77	0.00
10	M	1,1-Dichloroethene	2.000	2.035	-1.8	77	0.00
11		Methyl Iodide	2.455	2.496	-1.7	77	0.00
12		Methyl Acetate	4.345	4.380	-0.8	81	0.00
13	M	Acrolein	0.586	0.668	-14.0	92	0.00
14	M	Acrylonitrile	1.684	1.763	-4.7	82	0.00
15	M	Acetone	0.446	0.477	-7.0	82	0.00
16	M	Carbon Disulfide	5.730	5.416	5.5	73	0.00
17		Allyl chloride	4.318	4.167	3.5	76	0.00
18	M	Methylene Chloride	2.545	2.484	2.4	78	0.00
19	M	trans-1,2-Dichloroethene	2.286	2.177	4.8	75	0.00
20	T	Diisopropyl ether	8.892	8.875	0.2	76	0.00
21	M	1,1-Dichloroethane	4.671	4.581	1.9	76	0.00
22	M	cis-1,2-Dichloroethene	2.779	2.648	4.7	74	0.00
23	M	tert-Butyl Alcohol	0.729	0.799	-9.6	83	0.00
24	M	Methyl tert-Butyl Ether	8.413	8.270	1.7	76	0.00
25	M	Chloroform	4.745	4.605	3.0	75	0.00
26		Cyclohexane	4.287	4.179	2.5	73	0.00
27	s	1,2-Dichloroethane-d4	3.080	3.281	-6.5	79	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
29		1,1-Dichloropropene	0.596	0.541	9.2	72	0.00
30	M	2-Butanone	0.422	0.439	-4.0	81	0.00
31		2,2-Dichloropropane	0.730	0.635	13.0	67	0.00
32	M	1,1,1-Trichloroethane	0.735	0.696	5.3	76	0.00
33	M	Carbon Tetrachloride	0.636	0.574	9.7	75	0.00
34	M	Benzene	1.833	1.697	7.4	73	0.00
35		Methacrylonitrile	0.388	0.411	-5.9	88	0.01
36	M	1,2-Dichloroethane	0.671	0.642	4.3	76	0.00
37	M	Trichloroethene	0.421	0.388	7.8	75	0.00
38		Methylcyclohexane	0.751	0.676	10.0	74	0.00
39	M	1,2-Dichloropropane	0.472	0.445	5.7	74	0.00
40		Dibromomethane	0.329	0.317	3.6	78	0.00
41	M	Bromodichloromethane	0.653	0.595	8.9	72	0.00
42	M	Vinyl Acetate	1.394	1.349	3.2	77	0.00
43		Ethyl Acetate	0.838	0.766	8.6	70	0.00
44		Isopropyl Acetate	1.332	1.315	1.3	78	0.00
45	T	1,4-Dioxane	0.012	0.012	0.0	74	0.00
46		Methyl methacrylate	0.570	0.561	1.6	79	0.00
47		n-amyl Acetate	1.211	1.156	4.5	77	0.00
48	M	t-1,3-Dichloropropene	0.762	0.660	13.4	71	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.778	0.692	11.1	72	0.00
50	M	1,1,2-Trichloroethane	0.465	0.440	5.4	78	0.00
51		Ethyl methacrylate	0.827	0.757	8.5	74	0.00
52		1,3-Dichloropropane	0.806	0.763	5.3	75	0.00
53	M	Dibromochloromethane	0.500	0.448	10.4	73	0.00
54	M	1,2-Dibromoethane	0.487	0.444	8.8	74	0.00
55	M	2-Chloroethyl vinyl ether	0.397	0.390	1.8	81	0.00
56	M	Bromoform	0.381	0.307	19.4	71	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	78	0.00
58	M	4-Methyl-2-Pentanone	0.932	0.978	-4.9	79	0.00
59	M	2-Hexanone	0.727	0.755	-3.9	79	0.00
60	S	4-Bromofluorobenzene	0.600	0.559	6.8	74	0.00
61	M	Tetrachloroethene	0.372	0.332	10.8	71	0.00
62	M	Toluene	2.169	2.073	4.4	74	0.00
63	S	Toluene-d8	1.685	1.732	-2.8	79	0.00
64	M	Chlorobenzene	1.284	1.176	8.4	72	0.00
65		1,1,1,2-Tetrachloroethane	0.486	0.470	3.3	74	0.00
66	M	Ethyl Benzene	2.399	2.269	5.4	73	0.00
67	M	m/p-Xylenes	0.915	0.840	8.2	70	0.00
68	M	o-Xylene	0.934	0.854	8.6	72	0.00
69	M	Styrene	1.544	1.366	11.5	72	0.00
70		Isopropylbenzene	2.424	2.211	8.8	72	0.00
71	M	1,1,2,2-Tetrachloroethane	0.845	0.829	1.9	77	0.00
72		1,2,3-Trichloropropane	0.694	0.673	3.0	77	0.00
73		Bromobenzene	0.526	0.466	11.4	73	0.00
74		n-propylbenzene	2.818	2.557	9.3	73	0.00
75		2-Chlorotoluene	1.682	1.512	10.1	71	0.00
76		1,3,5-Trimethylbenzene	2.039	1.833	10.1	72	0.00
77		t-1,4-Dichloro-2-butene	0.307	0.262	14.7	68	0.00
78		4-Chlorotoluene	1.655	1.494	9.7	73	0.00
79		tert-butylbenzene	1.813	1.647	9.2	72	0.00
80		1,2,4-Trimethylbenzene	2.052	1.839	10.4	71	0.00
81		sec-Butylbenzene	2.528	2.236	11.6	73	0.00
82		p-Isopropyltoluene	2.090	1.785	14.6	71	0.00
83	M	1,3-Dichlorobenzene	0.989	0.859	13.1	73	0.00
84	M	1,4-Dichlorobenzene	0.980	0.858	12.4	74	0.00
85		n-Butylbenzene	1.834	1.501	18.2	69	0.00
86	T	Hexachloroethane	0.408	0.367	10.0	73	0.00
87	M	1,2-Dichlorobenzene	1.023	0.891	12.9	72	0.00
88		1,2-Dibromo-3-Chloropropane	0.207	0.200	3.4	75	0.00
89		1,2,4-Trichlorobenzene	0.535	0.439	17.9	71	0.00
90		Hexachlorobutadiene	0.228	0.200	12.3	72	0.00
91	M	Naphthalene	2.143	1.836	14.3	72	0.00
92		1,2,3-Trichlorobenzene	0.543	0.461	15.1	75	0.00

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