Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102523\
Data File : VN079688.D
Acq On : 25 Oct 2023 17:49
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Oct 26 01:39:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 18 02:19:15 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	113	0.00
2	M	Dichlorodifluoromethane	4.351	3.555	18.3	90	0.00
3	M	Chloromethane	5.639	4.448	21.1	87	0.00
4	M	Vinyl Chloride	6.086	4.940	18.8	90	0.00
5	M	Bromomethane	3.773	2.783	26.2#	83	0.00
6	M	Chloroethane	4.283	3.854	10.0	100	0.00
7	M	Trichlorofluoromethane	7.426	7.725	-4.0	116	0.00
8	T	Diethyl Ether	2.691	2.480	7.8	102	0.00
9		1,1,2-Trichlorotrifluoroeth	4.249	4.461	-5.0	118	-0.01
10	M	1,1-Dichloroethene	4.042	3.816	5.6	104	0.00
11		Methyl Iodide	4.475	4.367	2.4	110	0.00
12		Methyl Acetate	9.745	9.891	-1.5	113	0.00
13	M	Acrolein	0.806	0.771	4.3	107	0.00
14	M	Acrylonitrile	2.334	2.438	-4.5	116	0.00
15	M	Acetone	0.739	0.695	6.0	103	0.00
16	M	Carbon Disulfide	12.326	11.100	9.9	101	0.00
17		Allyl chloride	6.232	5.774	7.3	99	0.00
18	M	Methylene Chloride	4.975	5.152	-3.6	114	0.00
19	M	trans-1,2-Dichloroethene	4.522	4.516	0.1	113	0.00
20	T	Diisopropyl ether	14.778	15.597	-5.5	113	0.00
21	M	1,1-Dichloroethane	8.980	9.417	-4.9	115	0.00
22	M	cis-1,2-Dichloroethene	5.209	5.260	-1.0	112	0.00
23	M	tert-Butyl Alcohol	0.780	0.691	11.4	99	0.00
24	M	Methyl tert-Butyl Ether	13.563	13.486	0.6	109	0.00
25	M	Chloroform	9.074	9.814	-8.2	119	0.00
26		Cyclohexane	6.788	6.850	-0.9	110	0.00
27	s	1,2-Dichloroethane-d4	4.265	4.524	-6.1	116	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
29		1,1-Dichloropropene	0.877	0.950	-8.3	113	0.00
30	M	2-Butanone	0.439	0.462	-5.2	108	0.00
31		2,2-Dichloropropane	0.988	1.021	-3.3	109	0.00
32	M	1,1,1-Trichloroethane	1.042	1.166	-11.9	117	0.00
33	M	Carbon Tetrachloride	0.886	0.999	-12.8	117	0.00
34	M	Benzene	2.664	2.919	-9.6	115	0.00
35		Methacrylonitrile	0.462	0.496	-7.4	110	0.00
36	M	1,2-Dichloroethane	0.951	1.086	-14.2	119	0.00
37	M	Trichloroethene	0.623	0.652	-4.7	113	0.00
38		Methylcyclohexane	0.844	0.890	-5.5	111	0.00
39	M	1,2-Dichloropropane	0.703	0.770	-9.5	115	0.00
40		Dibromomethane	0.461	0.517	-12.1	119	0.00
41	M	Bromodichloromethane	0.956	1.083	-13.3	119	0.00
42	M	Vinyl Acetate	1.115	1.147	-2.9	106	0.00
43		Ethyl Acetate	0.826	0.920	-11.4	118	0.00
44		Isopropyl Acetate	1.469	1.453	1.1	108	0.00
45	T	1,4-Dioxane	0.011	0.012	-9.1	102	0.00
46		Methyl methacrylate	0.652	0.695	-6.6	109	0.00
47		n-amyl Acetate	1.060	1.017	4.1	98	0.00
48	M	t-1,3-Dichloropropene	0.966	0.995	-3.0	106	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	1.057	1.138	-7.7	112	0.00
50	M	1,1,2-Trichloroethane	0.640	0.710	-10.9	117	0.00
51		Ethyl methacrylate	0.883	0.917	-3.9	105	0.00
52		1,3-Dichloropropane	1.134	1.249	-10.1	116	0.00
53	M	Dibromochloromethane	0.654	0.743	-13.6	117	0.00
54	M	1,2-Dibromoethane	0.631	0.680	-7.8	113	0.00
55	M	2-Chloroethyl vinyl ether	0.337	0.323	4.2	105	0.00
56	M	Bromoform	0.433	0.475	-9.7	114	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
58	M	4-Methyl-2-Pentanone	0.700	0.774	-10.6	114	0.00
59	M	2-Hexanone	0.513	0.541	-5.5	109	0.00
60	S	4-Bromofluorobenzene	0.549	0.589	-7.3	110	0.00
61	M	Tetrachloroethene	0.412	0.456	-10.7	115	0.00
62	M	Toluene	2.293	2.428	-5.9	112	0.00
63	S	Toluene-d8	1.286	1.323	-2.9	106	0.00
64	M	Chlorobenzene	1.330	1.406	-5.7	113	0.00
65		1,1,1,2-Tetrachloroethane	0.507	0.561	-10.7	117	0.00
66	M	Ethyl Benzene	2.362	2.472	-4.7	110	0.00
67	M	m/p-Xylenes	0.874	0.945	-8.1	112	0.00
68	M	o-Xylene	0.835	0.885	-6.0	112	0.00
69	M	Styrene	1.326	1.455	-9.7	113	0.00
70		Isopropylbenzene	2.144	2.248	-4.9	109	0.00
71	M	1,1,2,2-Tetrachloroethane	0.762	0.835	-9.6	115	0.00
72		1,2,3-Trichloropropane	0.692	0.751	-8.5	115	0.00
73		Bromobenzene	0.504	0.524	-4.0	107	0.00
74		n-propylbenzene	2.496	2.753	-10.3	115	0.00
75		2-Chlorotoluene	1.551	1.699	-9.5	114	0.00
76		1,3,5-Trimethylbenzene	1.752	2.014	-15.0	119	0.00
77		t-1,4-Dichloro-2-butene	0.211	0.214	-1.4	104	0.00
78		4-Chlorotoluene	1.466	1.609	-9.8	113	0.00
79		tert-butylbenzene	1.409	1.562	-10.9	117	0.00
80		1,2,4-Trimethylbenzene	1.698	1.894	-11.5	116	0.00
81		sec-Butylbenzene	1.978	2.229	-12.7	118	0.00
82		p-Isopropyltoluene	1.569	1.775	-13.1	118	0.00
83	M	1,3-Dichlorobenzene	0.828	0.913	-10.3	114	0.00
84	M	1,4-Dichlorobenzene	0.794	0.834	-5.0	110	0.00
85		n-Butylbenzene	1.226	1.244	-1.5	106	0.00
86	T	Hexachloroethane	0.339	0.376	-10.9	120	0.00
87	M	1,2-Dichlorobenzene	0.823	0.894	-8.6	109	0.00
88		1,2-Dibromo-3-Chloropropane	0.116	0.120	-3.4	103	0.00
89		1,2,4-Trichlorobenzene	0.290	0.211	27.2#	74	0.00
90		Hexachlorobutadiene	0.205	0.189	7.8	96	0.00
91	M	Naphthalene	0.748	0.421	43.7#	59	0.00
92		1,2,3-Trichlorobenzene	0.290	0.211	27.2#	74	0.00

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