Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102023\
Data File : VN079633.D
Acq On : 20 Oct 2023 17:57
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Oct 20 23:51:42 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	96	0.00
2	M	Dichlorodifluoromethane	4.351	4.122	5.3	88	0.00
3	M	Chloromethane	5.639	5.039	10.6	84	0.00
4	M	Vinyl Chloride	6.086	5.722	6.0	89	0.00
5	M	Bromomethane	3.773	3.180	15.7	80	0.00
6	M	Chloroethane	4.283	3.970	7.3	87	0.00
7	M	Trichlorofluoromethane	7.426	7.141	3.8	91	0.00
8	T	Diethyl Ether	2.691	2.387	11.3	83	0.00
9		1,1,2-Trichlorotrifluoroeth	4.249	4.117	3.1	93	0.00
10	M	1,1-Dichloroethene	4.042	3.758	7.0	87	0.00
11		Methyl Iodide	4.475	4.347	2.9	93	0.00
12		Methyl Acetate	9.745	9.226	5.3	90	0.00
13	M	Acrolein	0.806	0.701	13.0	82	0.00
14	M	Acrylonitrile	2.334	2.193	6.0	89	0.00
15	M	Acetone	0.739	0.620	16.1	78	0.00
16	M	Carbon Disulfide	12.326	10.725	13.0	83	0.00
17		Allyl chloride	6.232	5.706	8.4	83	0.00
18	M	Methylene Chloride	4.975	4.874	2.0	92	0.00
19	M	trans-1,2-Dichloroethene	4.522	4.311	4.7	92	0.00
20	T	Diisopropyl ether	14.778	14.408	2.5	89	-0.01
21	M	1,1-Dichloroethane	8.980	8.784	2.2	91	0.00
22	M	cis-1,2-Dichloroethene	5.209	5.038	3.3	91	0.00
23	M	tert-Butyl Alcohol	0.780	0.543	30.4#	66	0.00
24	M	Methyl tert-Butyl Ether	13.563	12.445	8.2	85	0.00
25	M	Chloroform	9.074	8.996	0.9	93	0.00
26		Cyclohexane	6.788	6.125	9.8	84	0.00
27	s	1,2-Dichloroethane-d4	4.265	4.139	3.0	90	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
29		1,1-Dichloropropene	0.877	0.891	-1.6	88	0.00
30	M	2-Butanone	0.439	0.420	4.3	82	0.00
31		2,2-Dichloropropane	0.988	0.949	3.9	84	0.00
32	M	1,1,1-Trichloroethane	1.042	1.070	-2.7	89	0.00
33	M	Carbon Tetrachloride	0.886	0.912	-2.9	89	0.00
34	M	Benzene	2.664	2.801	-5.1	92	0.00
35		Methacrylonitrile	0.462	0.457	1.1	85	0.00
36	M	1,2-Dichloroethane	0.951	1.032	-8.5	94	0.00
37	M	Trichloroethene	0.623	0.634	-1.8	91	0.00
38		Methylcyclohexane	0.844	0.773	8.4	81	0.00
39	M	1,2-Dichloropropane	0.703	0.738	-5.0	92	0.00
40		Dibromomethane	0.461	0.505	-9.5	97	0.00
41	M	Bromodichloromethane	0.956	1.018	-6.5	94	0.00
42	M	Vinyl Acetate	1.115	1.102	1.2	85	0.00
43		Ethyl Acetate	0.826	0.897	-8.6	96	0.00
44		Isopropyl Acetate	1.469	1.385	5.7	86	0.00
45	T	1,4-Dioxane	0.011	0.010	9.1	75	0.00
46		Methyl methacrylate	0.652	0.645	1.1	85	0.00
47		n-amyl Acetate	1.060	1.032	2.6	83	0.00
48	M	t-1,3-Dichloropropene	0.966	0.954	1.2	85	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	1.057	1.076	-1.8	89	0.00
50	M	1,1,2-Trichloroethane	0.640	0.686	-7.2	94	0.00
51		Ethyl methacrylate	0.883	0.867	1.8	83	0.00
52		1,3-Dichloropropane	1.134	1.198	-5.6	93	0.00
53	M	Dibromochloromethane	0.654	0.691	-5.7	91	0.00
54	M	1,2-Dibromoethane	0.631	0.647	-2.5	90	0.00
55	M	2-Chloroethyl vinyl ether	0.337	0.352	-4.5	96	0.00
56	M	Bromoform	0.433	0.448	-3.5	90	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
58	M	4-Methyl-2-Pentanone	0.700	0.717	-2.4	87	0.00
59	M	2-Hexanone	0.513	0.498	2.9	83	0.00
60	S	4-Bromofluorobenzene	0.549	0.545	0.7	85	0.00
61	M	Tetrachloroethene	0.412	0.418	-1.5	88	0.00
62	M	Toluene	2.293	2.383	-3.9	91	0.00
63	S	Toluene-d8	1.286	1.282	0.3	85	0.00
64	M	Chlorobenzene	1.330	1.337	-0.5	89	0.00
65		1,1,1,2-Tetrachloroethane	0.507	0.528	-4.1	91	0.00
66	M	Ethyl Benzene	2.362	2.339	1.0	86	0.00
67	M	m/p-Xylenes	0.874	0.895	-2.4	88	0.00
68	M	o-Xylene	0.835	0.846	-1.3	89	0.00
69	M	Styrene	1.326	1.397	-5.4	90	0.00
70		Isopropylbenzene	2.144	2.148	-0.2	87	0.00
71	M	1,1,2,2-Tetrachloroethane	0.762	0.803	-5.4	92	0.00
72		1,2,3-Trichloropropane	0.692	0.691	0.1	88	0.00
73		Bromobenzene	0.504	0.514	-2.0	87	0.00
74		n-propylbenzene	2.496	2.507	-0.4	87	0.00
75		2-Chlorotoluene	1.551	1.553	-0.1	86	0.00
76		1,3,5-Trimethylbenzene	1.752	1.816	-3.7	89	0.00
77		t-1,4-Dichloro-2-butene	0.211	0.203	3.8	81	0.00
78		4-Chlorotoluene	1.466	1.479	-0.9	86	0.00
79		tert-butylbenzene	1.409	1.417	-0.6	88	0.00
80		1,2,4-Trimethylbenzene	1.698	1.780	-4.8	90	0.00
81		sec-Butylbenzene	1.978	2.027	-2.5	89	0.00
82		p-Isopropyltoluene	1.569	1.559	0.6	86	0.00
83	M	1,3-Dichlorobenzene	0.828	0.887	-7.1	92	0.00
84	M	1,4-Dichlorobenzene	0.794	0.799	-0.6	88	0.00
85		n-Butylbenzene	1.226	1.130	7.8	80	0.00
86	T	Hexachloroethane	0.339	0.340	-0.3	90	0.00
87	M	1,2-Dichlorobenzene	0.823	0.844	-2.6	86	0.00
88		1,2-Dibromo-3-Chloropropane	0.116	0.117	-0.9	83	0.00
89		1,2,4-Trichlorobenzene	0.290	0.236	18.6	69	0.00
90		Hexachlorobutadiene	0.205	0.200	2.4	84	0.00
91	M	Naphthalene	0.748	0.496	33.7#	57	0.00
92		1,2,3-Trichlorobenzene	0.290	0.236	18.6	69	0.00

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