Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102523\
Data File : VN079672.D
Acq On : 25 Oct 2023 10:30
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Oct 26 01:32:49 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	121	0.00
2	M	Dichlorodifluoromethane	4.351	3.465	20.4	93	0.00
3	M	Chloromethane	5.639	4.405	21.9	92	0.00
4	M	Vinyl Chloride	6.086	4.888	19.7	95	0.00
5	M	Bromomethane	3.773	2.916	22.7	92	0.00
6	M	Chloroethane	4.283	3.720	13.1	103	0.00
7	M	Trichlorofluoromethane	7.426	7.832	-5.5	125	0.00
8	T	Diethyl Ether	2.691	2.552	5.2	111	0.00
9		1,1,2-Trichlorotrifluoroeth	4.249	4.384	-3.2	124	0.00
10	M	1,1-Dichloroethene	4.042	3.902	3.5	114	0.00
11		Methyl Iodide	4.475	4.430	1.0	119	0.00
12		Methyl Acetate	9.745	9.458	2.9	115	0.00
13	M	Acrolein	0.806	0.728	9.7	107	0.00
14	M	Acrylonitrile	2.334	2.330	0.2	118	0.00
15	M	Acetone	0.739	0.757	-2.4	119	0.00
16	M	Carbon Disulfide	12.326	11.437	7.2	111	0.00
17		Allyl chloride	6.232	6.131	1.6	112	0.00
18	M	Methylene Chloride	4.975	5.137	-3.3	121	0.00
19	M	trans-1,2-Dichloroethene	4.522	4.485	0.8	120	0.00
20	T	Diisopropyl ether	14.778	15.402	-4.2	119	0.00
21	M	1,1-Dichloroethane	8.980	9.538	-6.2	124	0.00
22	M	cis-1,2-Dichloroethene	5.209	5.243	-0.7	119	0.00
23	M	tert-Butyl Alcohol	0.780	0.646	17.2	99	0.00
24	M	Methyl tert-Butyl Ether	13.563	13.508	0.4	116	0.00
25	M	Chloroform	9.074	9.888	-9.0	128	0.00
26		Cyclohexane	6.788	6.544	3.6	112	0.00
27	s	1,2-Dichloroethane-d4	4.265	4.641	-8.8	127	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
29		1,1-Dichloropropene	0.877	0.920	-4.9	120	0.00
30	M	2-Butanone	0.439	0.436	0.7	112	0.00
31		2,2-Dichloropropane	0.988	1.040	-5.3	121	0.00
32	M	1,1,1-Trichloroethane	1.042	1.154	-10.7	126	0.00
33	M	Carbon Tetrachloride	0.886	0.988	-11.5	126	0.00
34	M	Benzene	2.664	2.853	-7.1	123	0.00
35		Methacrylonitrile	0.462	0.474	-2.6	115	0.00
36	M	1,2-Dichloroethane	0.951	1.099	-15.6	132	0.00
37	M	Trichloroethene	0.623	0.644	-3.4	122	0.00
38		Methylcyclohexane	0.844	0.777	7.9	106	0.00
39	M	1,2-Dichloropropane	0.703	0.742	-5.5	121	0.00
40		Dibromomethane	0.461	0.508	-10.2	127	0.00
41	M	Bromodichloromethane	0.956	1.062	-11.1	128	0.00
42	M	Vinyl Acetate	1.115	1.111	0.4	112	0.00
43		Ethyl Acetate	0.826	0.924	-11.9	129	0.00
44		Isopropyl Acetate	1.469	1.373	6.5	111	0.00
45	T	1,4-Dioxane	0.011	0.012	-9.1	112	0.00
46		Methyl methacrylate	0.652	0.668	-2.5	115	0.00
47		n-amyl Acetate	1.060	1.008	4.9	106	0.00
48	M	t-1,3-Dichloropropene	0.966	0.989	-2.4	116	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	1.057	1.113	-5.3	120	0.00
50	M	1,1,2-Trichloroethane	0.640	0.714	-11.6	129	0.00
51		Ethyl methacrylate	0.883	0.878	0.6	110	0.00
52		1,3-Dichloropropane	1.134	1.228	-8.3	125	0.00
53	M	Dibromochloromethane	0.654	0.721	-10.2	124	0.00
54	M	1,2-Dibromoethane	0.631	0.653	-3.5	119	0.00
55	M	2-Chloroethyl vinyl ether	0.337	0.315	6.5	112	0.00
56	M	Bromoform	0.433	0.468	-8.1	123	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	113	0.00
58	M	4-Methyl-2-Pentanone	0.700	0.717	-2.4	114	0.00
59	M	2-Hexanone	0.513	0.514	-0.2	112	0.00
60	S	4-Bromofluorobenzene	0.549	0.600	-9.3	121	0.00
61	M	Tetrachloroethene	0.412	0.452	-9.7	123	0.00
62	M	Toluene	2.293	2.414	-5.3	120	0.00
63	S	Toluene-d8	1.286	1.344	-4.5	117	0.00
64	M	Chlorobenzene	1.330	1.392	-4.7	121	0.00
65		1,1,1,2-Tetrachloroethane	0.507	0.544	-7.3	123	0.00
66	M	Ethyl Benzene	2.362	2.420	-2.5	116	0.00
67	M	m/p-Xylenes	0.874	0.940	-7.6	121	0.00
68	M	o-Xylene	0.835	0.880	-5.4	120	0.00
69	M	Styrene	1.326	1.425	-7.5	119	0.00
70		Isopropylbenzene	2.144	2.224	-3.7	117	0.00
71	M	1,1,2,2-Tetrachloroethane	0.762	0.809	-6.2	121	0.00
72		1,2,3-Trichloropropane	0.692	0.735	-6.2	122	0.00
73		Bromobenzene	0.504	0.528	-4.8	117	0.00
74		n-propylbenzene	2.496	2.638	-5.7	119	0.00
75		2-Chlorotoluene	1.551	1.702	-9.7	124	0.00
76		1,3,5-Trimethylbenzene	1.752	1.897	-8.3	121	0.00
77		t-1,4-Dichloro-2-butene	0.211	0.210	0.5	110	0.00
78		4-Chlorotoluene	1.466	1.590	-8.5	121	0.00
79		tert-butylbenzene	1.409	1.479	-5.0	120	0.00
80		1,2,4-Trimethylbenzene	1.698	1.856	-9.3	122	0.00
81		sec-Butylbenzene	1.978	2.050	-3.6	118	0.00
82		p-Isopropyltoluene	1.569	1.641	-4.6	118	0.00
83	M	1,3-Dichlorobenzene	0.828	0.882	-6.5	119	0.00
84	M	1,4-Dichlorobenzene	0.794	0.831	-4.7	119	0.00
85		n-Butylbenzene	1.226	1.164	5.1	107	0.00
86	T	Hexachloroethane	0.339	0.351	-3.5	122	0.00
87	M	1,2-Dichlorobenzene	0.823	0.852	-3.5	113	0.00
88		1,2-Dibromo-3-Chloropropane	0.116	0.111	4.3	103	0.00
89		1,2,4-Trichlorobenzene	0.290	0.229	21.0	87	0.00
90		Hexachlorobutadiene	0.205	0.212	-3.4	117	0.00
91	M	Naphthalene	0.748	0.445	40.5#	67	0.00
92		1,2,3-Trichlorobenzene	0.290	0.229	21.0	87	0.00

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