Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041724\
Data File : VN081774.D
Acq On : 17 Apr 2024 16:40
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Apr 18 01:12:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 11 09:25:01 2024
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	46#	-0.01
2	M	Dichlorodifluoromethane	4.192	4.011	4.3	44#	0.00
3	M	Chloromethane	3.637	6.712	-84.5#	81	0.00
4	M	Vinyl Chloride	3.740	6.044	-61.6#	79	0.00
5	M	Bromomethane	3.167	4.380	-38.3#	59	0.00
6	M	Chloroethane	2.927	4.997	-70.7#	81	0.00
7	M	Trichlorofluoromethane	6.140	7.496	-22.1	45#	0.00
8	T	Diethyl Ether	2.290	2.340	-2.2	44#	0.00
9		1,1,2-Trichlorotrifluoroeth	4.212	4.309	-2.3	44#	0.00
10	M	1,1-Dichloroethene	3.863	3.763	2.6	42#	0.00
11		Methyl Iodide	4.375	3.259	25.5#	41#	0.00
12		Methyl Acetate	3.547	4.260	-20.1	55	0.00
13	M	Acrolein	0.467	0.486	-4.1	51	0.00
14	M	Acrylonitrile	1.766	1.979	-12.1	51	0.00
15	M	Acetone	0.388	0.467	-20.4	54	0.00
16	M	Carbon Disulfide	10.985	11.126	-1.3	45#	0.00
17		Allyl chloride	4.673	5.140	-10.0	48#	0.00
18	M	Methylene Chloride	4.448	4.924	-10.7	49#	0.00
19	M	trans-1,2-Dichloroethene	4.236	4.191	1.1	43#	0.00
20	T	Diisopropyl ether	11.126	12.961	-16.5	50	0.00
21	M	1,1-Dichloroethane	7.418	8.266	-11.4	49#	0.00
22	M	cis-1,2-Dichloroethene	5.116	5.311	-3.8	46#	0.00
23	M	tert-Butyl Alcohol	0.627	0.663	-5.7	45#	0.01
24	M	Methyl tert-Butyl Ether	12.082	12.725	-5.3	46#	0.00
25	M	Chloroform	8.440	9.713	-15.1	50	0.00
26		Cyclohexane	5.947	6.520	-9.6	49#	0.00
27	s	1,2-Dichloroethane-d4	3.685	4.221	-14.5	50#	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	44#	0.00
29		1,1-Dichloropropene	0.789	0.845	-7.1	50#	0.00
30	M	2-Butanone	0.301	0.352	-16.9	53	0.00
31		2,2-Dichloropropane	0.982	1.023	-4.2	46#	0.00
32	M	1,1,1-Trichloroethane	1.087	1.155	-6.3	48#	0.00
33	M	Carbon Tetrachloride	0.985	1.041	-5.7	49#	0.00
34	M	Benzene	2.541	2.757	-8.5	50	0.00
35		Methacrylonitrile	0.341	0.426	-24.9	57	0.00
36	M	1,2-Dichloroethane	0.833	0.991	-19.0	55	0.00
37	M	Trichloroethene	0.672	0.678	-0.9	47#	0.00
38		Methylcyclohexane	0.964	0.937	2.8	44#	0.00
39	M	1,2-Dichloropropane	0.593	0.656	-10.6	51	0.00
40		Dibromomethane	0.472	0.528	-11.9	50#	0.00
41	M	Bromodichloromethane	0.963	1.096	-13.8	52	0.00
42	M	Vinyl Acetate	1.255	1.407	-12.1	51	0.00
43		Ethyl Acetate	0.664	0.702	-5.7	51	0.00
44		Isopropyl Acetate	1.112	1.312	-18.0	56	0.00
45	T	1,4-Dioxane	0.012	0.014	-16.7	52	0.00
46		Methyl methacrylate	0.500	0.589	-17.8	56	0.00
47		n-amyl Acetate	0.998	1.163	-16.5	56	0.00
48	M	t-1,3-Dichloropropene	0.917	1.005	-9.6	50	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	0.988	1.057	-7.0	49#	0.00
50	M	1,1,2-Trichloroethane	0.632	0.694	-9.8	50	0.00
51		Ethyl methacrylate	0.880	0.909	-3.3	48#	0.00
52		1,3-Dichloropropane	1.036	1.178	-13.7	51	0.00
53	M	Dibromochloromethane	0.755	0.840	-11.3	51	0.00
54	M	1,2-Dibromoethane	0.653	0.687	-5.2	48#	0.00
55	M	2-Chloroethyl vinyl ether	0.432	0.466	-7.9	51	0.00
56	M	Bromoform	0.483	0.561	-16.1	54	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	45#	0.00
58	M	4-Methyl-2-Pentanone	0.516	0.642	-24.4	58	0.00
59	M	2-Hexanone	0.387	0.478	-23.5	58	0.00
60	S	4-Bromofluorobenzene	0.590	0.614	-4.1	48#	0.00
61	M	Tetrachloroethene	0.556	0.576	-3.6	49#	0.00
62	M	Toluene	2.183	2.288	-4.8	48#	0.00
63	S	Toluene-d8	1.203	1.272	-5.7	47#	0.00
64	M	Chlorobenzene	1.384	1.484	-7.2	49#	0.00
65		1,1,1,2-Tetrachloroethane	0.503	0.538	-7.0	48#	0.00
66	M	Ethyl Benzene	2.321	2.399	-3.4	47#	0.00
67	M	m/p-Xylenes	0.919	0.984	-7.1	48#	0.00
68	M	o-Xylene	0.873	0.914	-4.7	48#	0.00
69	M	Styrene	1.486	1.566	-5.4	49#	0.00
70		Isopropylbenzene	2.251	2.406	-6.9	49#	0.00
71	M	1,1,2,2-Tetrachloroethane	0.588	0.726	-23.5	56	0.00
72		1,2,3-Trichloropropane	0.544	0.695	-27.8#	57	0.00
73		Bromobenzene	0.558	0.603	-8.1	50#	0.00
74		n-propylbenzene	2.695	2.884	-7.0	50	0.00
75		2-Chlorotoluene	1.605	1.755	-9.3	50#	0.00
76		1,3,5-Trimethylbenzene	1.911	2.066	-8.1	49#	0.00
77		t-1,4-Dichloro-2-butene	0.225	0.250	-11.1	52	0.00
78		4-Chlorotoluene	1.592	1.776	-11.6	50	0.00
79		tert-butylbenzene	1.626	1.700	-4.6	48#	0.00
80		1,2,4-Trimethylbenzene	1.906	2.075	-8.9	49#	0.00
81		sec-Butylbenzene	2.344	2.512	-7.2	49#	0.00
82		p-Isopropyltoluene	1.966	2.079	-5.7	49#	0.00
83	M	1,3-Dichlorobenzene	1.042	1.174	-12.7	52	0.00
84	M	1,4-Dichlorobenzene	1.009	1.136	-12.6	51	0.00
85		n-Butylbenzene	1.656	1.802	-8.8	51	0.00
86	T	Hexachloroethane	0.376	0.423	-12.5	53	0.00
87	M	1,2-Dichlorobenzene	0.992	1.136	-14.5	52	0.00
88		1,2-Dibromo-3-Chloropropane	0.128	0.167	-30.5#	64	0.00
89		1,2,4-Trichlorobenzene	0.544	0.599	-10.1	51	0.00
90		Hexachlorobutadiene	0.218	0.237	-8.7	51	0.00
91	M	Naphthalene	1.749	1.761	-0.7	50#	0.00
92		1,2,3-Trichlorobenzene	0.544	0.599	-10.1	51	0.00

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