Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022425\
Data File : VX045022.D
Acq On : 24 Feb 2025 10:16
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Feb 25 00:25:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 01:06:36 2025
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	105	0.00
2	M	Dichlorodifluoromethane	2.529	2.632	-4.1	112	0.00
3	M	Chloromethane	3.029	3.086	-1.9	109	0.00
4	M	Vinyl Chloride	2.923	2.907	0.5	108	0.00
5	M	Bromomethane	1.017	1.048	-3.0	113	0.00
6	M	Chloroethane	1.583	1.667	-5.3	105	0.00
7	M	Trichlorofluoromethane	3.928	3.948	-0.5	112	0.00
8	T	Diethyl Ether	1.486	1.484	0.1	109	0.00
9		1,1,2-Trichlorotrifluoroeth	2.333	2.373	-1.7	114	0.00
10	M	1,1-Dichloroethene	2.279	2.244	1.5	110	0.00
11		Methyl Iodide	2.579	1.935	25.0	93	0.00
12		Methyl Acetate	2.646	2.956	-11.7	126	0.00
13	M	Acrolein	0.530	0.691	-30.4#	153#	0.00
14	M	Acrylonitrile	1.293	1.345	-4.0	114	0.00
15	M	Acetone	0.355	0.417	-17.5	124	0.00
16	M	Carbon Disulfide	6.464	6.403	0.9	112	0.00
17		Allyl chloride	4.262	4.210	1.2	112	0.00
18	M	Methylene Chloride	2.563	2.513	2.0	106	0.00
19	M	trans-1,2-Dichloroethene	2.306	2.314	-0.3	111	0.00
20	T	Diisopropyl ether	8.191	8.222	-0.4	111	0.00
21	M	1,1-Dichloroethane	4.555	4.496	1.3	109	0.00
22	M	cis-1,2-Dichloroethene	2.763	2.774	-0.4	111	0.00
23	M	tert-Butyl Alcohol	0.451	0.478	-6.0	118	-0.01
24	M	Methyl tert-Butyl Ether	7.438	7.490	-0.7	112	0.00
25	M	Chloroform	4.400	4.479	-1.8	111	0.00
26		Cyclohexane	4.205	4.141	1.5	108	-0.01
27	s	1,2-Dichloroethane-d4	2.914	2.817	3.3	103	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
29		1,1-Dichloropropene	0.552	0.561	-1.6	109	-0.01
30	M	2-Butanone	0.319	0.355	-11.3	119	0.00
31		2,2-Dichloropropane	0.624	0.646	-3.5	115	0.00
32	M	1,1,1-Trichloroethane	0.669	0.684	-2.2	111	0.00
33	M	Carbon Tetrachloride	0.564	0.587	-4.1	112	0.00
34	M	Benzene	1.731	1.786	-3.2	110	0.00
35		Methacrylonitrile	0.341	0.356	-4.4	111	0.00
36	M	1,2-Dichloroethane	0.592	0.611	-3.2	110	0.00
37	M	Trichloroethene	0.405	0.415	-2.5	108	0.00
38		Methylcyclohexane	0.741	0.760	-2.6	113	0.00
39	M	1,2-Dichloropropane	0.430	0.432	-0.5	106	0.00
40		Dibromomethane	0.309	0.315	-1.9	109	0.00
41	M	Bromodichloromethane	0.614	0.621	-1.1	109	0.00
42	M	Vinyl Acetate	1.237	1.272	-2.8	111	0.00
43		Ethyl Acetate	0.598	0.656	-9.7	118	0.00
44		Isopropyl Acetate	0.984	1.043	-6.0	118	0.00
45	T	1,4-Dioxane	0.010	0.011	-10.0	112	0.00
46		Methyl methacrylate	0.482	0.508	-5.4	116	0.00
47		n-amyl Acetate	0.854	0.882	-3.3	114	0.00
48	M	t-1,3-Dichloropropene	0.591	0.582	1.5	114	0.00

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Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Feb 25 00:25:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 01:06:36 2025
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)
49	T	cis-1,3-Dichloropropene	0.670	0.693	-3.4	114	0.00
50	M	1,1,2-Trichloroethane	0.403	0.417	-3.5	108	0.00
51		Ethyl methacrylate	0.633	0.623	1.6	111	0.00
52		1,3-Dichloropropane	0.706	0.731	-3.5	108	0.00
53	M	Dibromochloromethane	0.445	0.463	-4.0	111	0.00
54	M	1,2-Dibromoethane	0.409	0.424	-3.7	110	0.00
55	M	2-Chloroethyl vinyl ether	0.325	0.279	14.2	92	0.00
56	M	Bromoform	0.279	0.299	-7.2	121	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
58	M	4-Methyl-2-Pentanone	0.682	0.745	-9.2	115	0.00
59	M	2-Hexanone	0.493	0.546	-10.8	117	0.00
60	S	4-Bromofluorobenzene	0.561	0.564	-0.5	105	0.00
61	M	Tetrachloroethene	0.369	0.396	-7.3	113	0.00
62	M	Toluene	1.987	2.055	-3.4	110	0.00
63	S	Toluene-d8	1.660	1.652	0.5	103	0.00
64	M	Chlorobenzene	1.231	1.278	-3.8	110	0.00
65		1,1,1,2-Tetrachloroethane	0.406	0.419	-3.2	111	0.00
66	M	Ethyl Benzene	2.176	2.199	-1.1	110	0.00
67	M	m/p-Xylenes	0.811	0.841	-3.7	108	0.00
68	M	o-Xylene	0.795	0.821	-3.3	108	0.00
69	M	Styrene	1.328	1.352	-1.8	107	0.00
70		Isopropylbenzene	2.053	2.144	-4.4	110	0.00
71	M	1,1,2,2-Tetrachloroethane	0.675	0.727	-7.7	114	0.00
72		1,2,3-Trichloropropane	0.555	0.587	-5.8	114	0.00
73		Bromobenzene	0.473	0.493	-4.2	110	0.00
74		n-propylbenzene	2.443	2.534	-3.7	111	0.00
75		2-Chlorotoluene	1.477	1.527	-3.4	109	0.00
76		1,3,5-Trimethylbenzene	1.693	1.778	-5.0	110	0.00
77		t-1,4-Dichloro-2-butene	0.187	0.180	3.7	118	0.00
78		4-Chlorotoluene	1.646	1.712	-4.0	111	0.00
79		tert-butylbenzene	1.706	1.808	-6.0	111	0.00
80		1,2,4-Trimethylbenzene	1.696	1.776	-4.7	109	0.00
81		sec-Butylbenzene	2.141	2.243	-4.8	111	0.00
82		p-Isopropyltoluene	1.735	1.822	-5.0	111	0.00
83	M	1,3-Dichlorobenzene	0.879	0.913	-3.9	109	0.00
84	M	1,4-Dichlorobenzene	0.867	0.900	-3.8	110	0.00
85		n-Butylbenzene	1.584	1.639	-3.5	113	0.00
86	T	Hexachloroethane	0.306	0.320	-4.6	119	0.00
87	M	1,2-Dichlorobenzene	0.863	0.911	-5.6	110	0.00
88		1,2-Dibromo-3-Chloropropane	0.131	0.138	-5.3	119	0.00
89		1,2,4-Trichlorobenzene	0.523	0.548	-4.8	117	0.00
90		Hexachlorobutadiene	0.213	0.229	-7.5	114	0.00
91	M	Naphthalene	1.843	1.921	-4.2	113	0.00
92		1,2,3-Trichlorobenzene	0.538	0.555	-3.2	111	0.00

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