Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030924\
Data File : VX040620.D
Acq On : 08 Mar 2024 10:12
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Mar 08 23:49:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Mar 05 13:21:29 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	98	0.00
2	M	Dichlorodifluoromethane	2.035	2.016	0.9	109	0.00
3	M	Chloromethane	2.085	2.043	2.0	105	0.00
4	M	Vinyl Chloride	2.253	2.216	1.6	108	0.00
5	M	Bromomethane	1.376	1.878	-36.5#	126	0.01
6	M	Chloroethane	1.324	1.409	-6.4	126	0.02
7	M	Trichlorofluoromethane	3.430	3.398	0.9	115	0.01
8	T	Diethyl Ether	1.165	1.029	11.7	102	0.00
9		1,1,2-Trichlorotrifluoroeth	1.879	1.930	-2.7	113	0.00
10	M	1,1-Dichloroethene	1.789	1.813	-1.3	113	0.00
11		Methyl Iodide	2.164	1.489	31.2#	79	0.00
12		Methyl Acetate	2.947	2.811	4.6	106	0.00
13	M	Acrolein	0.556	0.443	20.3	90	0.00
14	M	Acrylonitrile	1.160	1.105	4.7	104	0.00
15	M	Acetone	0.332	0.324	2.4	100	0.00
16	M	Carbon Disulfide	4.917	4.585	6.8	106	0.00
17		Allyl chloride	3.301	3.262	1.2	110	0.00
18	M	Methylene Chloride	2.043	2.001	2.1	108	0.00
19	M	trans-1,2-Dichloroethene	1.953	1.887	3.4	106	0.00
20	T	Diisopropyl ether	6.603	6.548	0.8	110	0.00
21	M	1,1-Dichloroethane	3.799	3.775	0.6	109	0.00
22	M	cis-1,2-Dichloroethene	2.268	2.190	3.4	105	0.00
23	M	tert-Butyl Alcohol	0.548	0.484	11.7	101	-0.04
24	M	Methyl tert-Butyl Ether	6.602	6.414	2.8	108	0.00
25	M	Chloroform	4.158	4.182	-0.6	112	0.00
26		Cyclohexane	3.066	2.988	2.5	111	0.00
27	s	1,2-Dichloroethane-d4	2.996	2.887	3.6	101	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
29		1,1-Dichloropropene	0.519	0.531	-2.3	114	0.00
30	M	2-Butanone	0.317	0.315	0.6	104	0.00
31		2,2-Dichloropropane	0.560	0.578	-3.2	111	0.00
32	M	1,1,1-Trichloroethane	0.654	0.664	-1.5	112	0.00
33	M	Carbon Tetrachloride	0.551	0.548	0.5	111	0.00
34	M	Benzene	1.402	1.420	-1.3	109	0.00
35		Methacrylonitrile	0.325	0.322	0.9	105	0.00
36	M	1,2-Dichloroethane	0.648	0.659	-1.7	108	0.00
37	M	Trichloroethene	0.377	0.385	-2.1	112	0.00
38		Methylcyclohexane	0.559	0.590	-5.5	114	0.00
39	M	1,2-Dichloropropane	0.357	0.374	-4.8	111	0.00
40		Dibromomethane	0.280	0.299	-6.8	110	0.00
41	M	Bromodichloromethane	0.558	0.590	-5.7	113	0.00
42	M	Vinyl Acetate	1.091	1.082	0.8	108	0.00
43		Ethyl Acetate	0.597	0.571	4.4	99	0.00
44		Isopropyl Acetate	0.953	0.917	3.8	105	0.00
45	T	1,4-Dioxane	0.010	0.009	10.0	97	0.00
46		Methyl methacrylate	0.473	0.475	-0.4	105	0.00
47		n-amyl Acetate	0.821	0.696	15.2	102	0.00
48	M	t-1,3-Dichloropropene	0.590	0.565	4.2	108	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.601	0.621	-3.3	114	0.00
50	M	1,1,2-Trichloroethane	0.372	0.396	-6.5	113	0.00
51		Ethyl methacrylate	0.586	0.595	-1.5	109	0.00
52		1,3-Dichloropropane	0.636	0.657	-3.3	109	0.00
53	M	Dibromochloromethane	0.425	0.433	-1.9	111	0.00
54	M	1,2-Dibromoethane	0.412	0.416	-1.0	108	0.00
55	M	2-Chloroethyl vinyl ether	0.299	0.268	10.4	92	0.00
56	M	Bromoform	0.301	0.279	7.3	108	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
58	M	4-Methyl-2-Pentanone	0.668	0.669	-0.1	106	0.00
59	M	2-Hexanone	0.540	0.535	0.9	107	0.00
60	S	4-Bromofluorobenzene	0.515	0.452	12.2	100	0.00
61	M	Tetrachloroethene	0.356	0.376	-5.6	113	0.00
62	M	Toluene	1.652	1.689	-2.2	109	0.00
63	S	Toluene-d8	1.326	1.341	-1.1	101	0.00
64	M	Chlorobenzene	1.010	1.047	-3.7	124	0.00
65		1,1,1,2-Tetrachloroethane	0.385	0.397	-3.1	125	0.00
66	M	Ethyl Benzene	1.905	1.959	-2.8	124	0.00
67	M	m/p-Xylenes	0.704	0.698	0.9	120	0.00
68	M	o-Xylene	0.677	0.644	4.9	113	0.00
69	M	Styrene	1.138	1.070	6.0	111	0.00
70		Isopropylbenzene	1.830	1.788	2.3	117	0.00
71	M	1,1,2,2-Tetrachloroethane	0.642	0.589	8.3	108	0.00
72		1,2,3-Trichloropropane	0.577	0.511	11.4	111	0.00
73		Bromobenzene	0.433	0.411	5.1	113	0.00
74		n-propylbenzene	2.260	2.072	8.3	112	0.00
75		2-Chlorotoluene	1.341	1.215	9.4	111	0.00
76		1,3,5-Trimethylbenzene	1.611	1.514	6.0	115	0.00
77		t-1,4-Dichloro-2-butene	0.179	0.148	17.3	100	0.00
78		4-Chlorotoluene	1.600	1.485	7.2	118	0.00
79		tert-butylbenzene	1.504	1.358	9.7	114	0.00
80		1,2,4-Trimethylbenzene	1.587	1.432	9.8	114	0.00
81		sec-Butylbenzene	1.985	1.818	8.4	115	0.00
82		p-Isopropyltoluene	1.625	1.488	8.4	115	0.00
83	M	1,3-Dichlorobenzene	0.843	0.780	7.5	114	0.00
84	M	1,4-Dichlorobenzene	0.862	0.789	8.5	113	0.00
85		n-Butylbenzene	1.581	1.604	-1.5	128	0.00
86	T	Hexachloroethane	0.284	0.277	2.5	128	0.00
87	M	1,2-Dichlorobenzene	0.819	0.838	-2.3	124	0.00
88		1,2-Dibromo-3-Chloropropane	0.172	0.167	2.9	119	0.00
89		1,2,4-Trichlorobenzene	0.552	0.566	-2.5	126	0.00
90		Hexachlorobutadiene	0.223	0.235	-5.4	130	0.00
91	M	Naphthalene	1.799	1.744	3.1	120	0.00
92		1,2,3-Trichlorobenzene	0.544	0.555	-2.0	125	0.00

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