Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
Data File : VX034779.D
Acq On : 28 Mar 2023 09:06
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 28 15:16:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Mar 28 09:11:00 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	99	0.00
2	M	Dichlorodifluoromethane	2.845	2.994	-5.2	112	0.00
3	M	Chloromethane	3.689	3.832	-3.9	102	0.00
4	M	Vinyl Chloride	3.640	3.773	-3.7	106	0.00
5	M	Bromomethane	2.394	2.536	-5.9	106	0.00
6	M	Chloroethane	2.369	2.433	-2.7	106	0.00
7	M	Trichlorofluoromethane	5.798	6.116	-5.5	112	0.00
8	T	Diethyl Ether	2.087	2.116	-1.4	102	0.00
9		1,1,2-Trichlorotrifluoroeth	2.942	3.138	-6.7	115	0.00
10	M	1,1-Dichloroethene	2.978	2.978	0.0	106	0.00
11		Methyl Iodide	3.792	3.713	2.1	106	0.00
12		Methyl Acetate	6.594	6.478	1.8	100	0.00
13	M	Acrolein	0.765	0.794	-3.8	104	0.00
14	M	Acrylonitrile	1.816	1.757	3.2	98	0.00
15	M	Acetone	0.493	0.561	-13.8	115	0.00
16	M	Carbon Disulfide	7.617	7.496	1.6	109	0.00
17		Allyl chloride	5.762	5.826	-1.1	107	0.00
18	M	Methylene Chloride	3.508	3.472	1.0	101	0.00
19	M	trans-1,2-Dichloroethene	3.258	3.330	-2.2	109	0.00
20	T	Diisopropyl ether	11.805	11.948	-1.2	103	0.00
21	M	1,1-Dichloroethane	6.312	6.221	1.4	102	0.00
22	M	cis-1,2-Dichloroethene	3.795	3.805	-0.3	105	0.00
23	M	tert-Butyl Alcohol	0.817	0.812	0.6	101	0.02
24	M	Methyl tert-Butyl Ether	11.066	10.850	2.0	101	0.00
25	M	Chloroform	6.420	6.335	1.3	104	0.00
26		Cyclohexane	5.532	5.760	-4.1	115	0.00
27	s	1,2-Dichloroethane-d4	2.883	2.911	-1.0	103	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
29		1,1-Dichloropropene	0.690	0.682	1.2	113	0.00
30	M	2-Butanone	0.385	0.391	-1.6	107	0.00
31		2,2-Dichloropropane	0.700	0.721	-3.0	117	0.00
32	M	1,1,1-Trichloroethane	0.809	0.766	5.3	107	0.00
33	M	Carbon Tetrachloride	0.668	0.641	4.0	112	0.00
34	M	Benzene	2.005	1.960	2.2	105	0.00
35		Methacrylonitrile	0.421	0.381	9.5	97	0.00
36	M	1,2-Dichloroethane	0.786	0.753	4.2	105	0.00
37	M	Trichloroethene	0.510	0.507	0.6	111	0.00
38		Methylcyclohexane	0.754	0.782	-3.7	118	0.00
39	M	1,2-Dichloropropane	0.521	0.506	2.9	105	0.00
40		Dibromomethane	0.358	0.345	3.6	103	0.00
41	M	Bromodichloromethane	0.674	0.640	5.0	106	0.00
42	M	Vinyl Acetate	1.255	1.212	3.4	102	0.00
43		Ethyl Acetate	0.746	0.718	3.8	101	0.00
44		Isopropyl Acetate	1.263	1.172	7.2	99	0.00
45	T	1,4-Dioxane	0.013	0.013	0.0	101	0.02
46		Methyl methacrylate	0.616	0.573	7.0	102	0.00
47		n-amyl Acetate	1.098	1.001	8.8	100	0.00
48	M	t-1,3-Dichloropropene	0.735	0.681	7.3	107	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.807	0.779	3.5	108	0.00
50	M	1,1,2-Trichloroethane	0.499	0.476	4.6	104	0.00
51		Ethyl methacrylate	0.810	0.749	7.5	101	0.00
52		1,3-Dichloropropane	0.881	0.854	3.1	104	0.00
53	M	Dibromochloromethane	0.493	0.453	8.1	105	0.00
54	M	1,2-Dibromoethane	0.534	0.495	7.3	102	0.00
55	M	2-Chloroethyl vinyl ether	0.426	0.440	-3.3	108	0.00
56	M	Bromoform	0.340	0.295	13.2	106	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
58	M	4-Methyl-2-Pentanone	0.688	0.661	3.9	98	0.00
59	M	2-Hexanone	0.518	0.526	-1.5	105	0.00
60	S	4-Bromofluorobenzene	0.599	0.581	3.0	106	0.00
61	M	Tetrachloroethene	0.404	0.403	0.2	112	0.00
62	M	Toluene	1.962	1.937	1.3	107	0.00
63	S	Toluene-d8	1.020	1.022	-0.2	105	0.00
64	M	Chlorobenzene	1.208	1.192	1.3	108	0.00
65		1,1,1,2-Tetrachloroethane	0.432	0.408	5.6	104	0.00
66	M	Ethyl Benzene	2.185	2.171	0.6	109	0.00
67	M	m/p-Xylenes	0.831	0.830	0.1	112	0.00
68	M	o-Xylene	0.822	0.820	0.2	109	0.00
69	M	Styrene	1.355	1.313	3.1	108	0.00
70		Isopropylbenzene	2.128	2.105	1.1	111	0.00
71	M	1,1,2,2-Tetrachloroethane	0.699	0.671	4.0	101	0.00
72		1,2,3-Trichloropropane	0.637	0.560	12.1	93	0.00
73		Bromobenzene	0.511	0.502	1.8	108	0.00
74		n-propylbenzene	2.477	2.500	-0.9	114	0.00
75		2-Chlorotoluene	1.544	1.525	1.2	112	0.00
76		1,3,5-Trimethylbenzene	1.791	1.777	0.8	112	0.00
77		t-1,4-Dichloro-2-butene	0.196	0.170	13.3	108	0.00
78		4-Chlorotoluene	1.770	1.734	2.0	113	0.00
79		tert-butylbenzene	1.710	1.672	2.2	111	0.00
80		1,2,4-Trimethylbenzene	1.780	1.775	0.3	113	0.00
81		sec-Butylbenzene	2.072	2.070	0.1	115	0.00
82		p-Isopropyltoluene	1.748	1.743	0.3	116	0.00
83	M	1,3-Dichlorobenzene	0.965	0.948	1.8	110	0.00
84	M	1,4-Dichlorobenzene	0.969	0.944	2.6	110	0.00
85		n-Butylbenzene	1.507	1.497	0.7	118	0.00
86	T	Hexachloroethane	0.286	0.264	7.7	120	0.00
87	M	1,2-Dichlorobenzene	0.944	0.928	1.7	107	0.00
88		1,2-Dibromo-3-Chloropropane	0.153	0.135	11.8	105	0.00
89		1,2,4-Trichlorobenzene	0.566	0.567	-0.2	114	0.00
90		Hexachlorobutadiene	0.218	0.226	-3.7	119	0.00
91	M	Naphthalene	2.001	1.937	3.2	105	0.00
92		1,2,3-Trichlorobenzene	0.566	0.561	0.9	110	0.00

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