Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040723\
Data File : VX034967.D
Acq On : 07 Apr 2023 13:18
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Apr 08 00:00:08 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	103	-0.01
2	M	Dichlorodifluoromethane	2.845	3.307	-16.2	128	0.00
3	M	Chloromethane	3.689	3.610	2.1	100	0.00
4	M	Vinyl Chloride	3.640	3.526	3.1	103	0.00
5	M	Bromomethane	2.394	1.957	18.3	84	0.00
6	M	Chloroethane	2.369	2.002	15.5	90	0.00
7	M	Trichlorofluoromethane	5.798	5.078	12.4	96	0.00
8	T	Diethyl Ether	2.087	2.000	4.2	100	0.00
9		1,1,2-Trichlorotrifluoroeth	2.942	2.996	-1.8	114	0.00
10	M	1,1-Dichloroethene	2.978	2.781	6.6	102	0.00
11		Methyl Iodide	3.792	2.809	25.9#	82	0.00
12		Methyl Acetate	6.594	6.687	-1.4	107	0.00
13	M	Acrolein	0.765	0.718	6.1	97	0.00
14	M	Acrylonitrile	1.816	1.811	0.3	104	0.00
15	M	Acetone	0.493	0.550	-11.6	117	0.00
16	M	Carbon Disulfide	7.617	6.363	16.5	96	0.00
17		Allyl chloride	5.762	5.544	3.8	105	0.00
18	M	Methylene Chloride	3.508	3.343	4.7	100	0.00
19	M	trans-1,2-Dichloroethene	3.258	3.009	7.6	102	0.00
20	T	Diisopropyl ether	11.805	11.479	2.8	102	0.00
21	M	1,1-Dichloroethane	6.312	6.037	4.4	102	0.00
22	M	cis-1,2-Dichloroethene	3.795	3.559	6.2	101	0.00
23	M	tert-Butyl Alcohol	0.817	0.785	3.9	101	0.00
24	M	Methyl tert-Butyl Ether	11.066	10.807	2.3	104	0.00
25	M	Chloroform	6.420	6.186	3.6	105	0.00
26		Cyclohexane	5.532	5.256	5.0	108	0.00
27	s	1,2-Dichloroethane-d4	2.883	2.799	2.9	103	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
29		1,1-Dichloropropene	0.690	0.704	-2.0	108	0.00
30	M	2-Butanone	0.385	0.422	-9.6	107	0.00
31		2,2-Dichloropropane	0.700	0.718	-2.6	108	0.00
32	M	1,1,1-Trichloroethane	0.809	0.815	-0.7	106	0.00
33	M	Carbon Tetrachloride	0.668	0.704	-5.4	114	0.00
34	M	Benzene	2.005	2.025	-1.0	101	0.00
35		Methacrylonitrile	0.421	0.437	-3.8	104	0.00
36	M	1,2-Dichloroethane	0.786	0.852	-8.4	110	0.00
37	M	Trichloroethene	0.510	0.516	-1.2	105	0.00
38		Methylcyclohexane	0.754	0.759	-0.7	106	0.00
39	M	1,2-Dichloropropane	0.521	0.539	-3.5	104	0.00
40		Dibromomethane	0.358	0.369	-3.1	102	0.00
41	M	Bromodichloromethane	0.674	0.696	-3.3	107	0.00
42	M	Vinyl Acetate	1.255	1.314	-4.7	102	0.00
43		Ethyl Acetate	0.746	0.802	-7.5	105	0.00
44		Isopropyl Acetate	1.263	1.280	-1.3	101	0.00
45	T	1,4-Dioxane	0.013	0.014	-7.7	103	0.00
46		Methyl methacrylate	0.616	0.638	-3.6	105	0.00
47		n-amyl Acetate	1.098	1.069	2.6	99	0.00
48	M	t-1,3-Dichloropropene	0.735	0.709	3.5	104	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	0.807	0.802	0.6	103	0.00
50	M	1,1,2-Trichloroethane	0.499	0.526	-5.4	107	0.00
51		Ethyl methacrylate	0.810	0.818	-1.0	102	0.00
52		1,3-Dichloropropane	0.881	0.925	-5.0	105	0.00
53	M	Dibromochloromethane	0.493	0.484	1.8	104	0.00
54	M	1,2-Dibromoethane	0.534	0.535	-0.2	102	0.00
55	M	2-Chloroethyl vinyl ether	0.426	0.449	-5.4	102	0.00
56	M	Bromoform	0.340	0.315	7.4	105	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
58	M	4-Methyl-2-Pentanone	0.688	0.744	-8.1	103	0.00
59	M	2-Hexanone	0.518	0.561	-8.3	105	0.00
60	S	4-Bromofluorobenzene	0.599	0.603	-0.7	103	0.00
61	M	Tetrachloroethene	0.404	0.419	-3.7	109	0.00
62	M	Toluene	1.962	2.035	-3.7	105	0.00
63	S	Toluene-d8	1.020	1.015	0.5	98	0.00
64	M	Chlorobenzene	1.208	1.236	-2.3	104	0.00
65		1,1,1,2-Tetrachloroethane	0.432	0.436	-0.9	104	0.00
66	M	Ethyl Benzene	2.185	2.270	-3.9	107	0.00
67	M	m/p-Xylenes	0.831	0.858	-3.2	108	0.00
68	M	o-Xylene	0.822	0.840	-2.2	104	0.00
69	M	Styrene	1.355	1.400	-3.3	107	0.00
70		Isopropylbenzene	2.128	2.208	-3.8	109	0.00
71	M	1,1,2,2-Tetrachloroethane	0.699	0.731	-4.6	103	0.00
72		1,2,3-Trichloropropane	0.637	0.614	3.6	95	0.00
73		Bromobenzene	0.511	0.525	-2.7	106	0.00
74		n-propylbenzene	2.477	2.547	-2.8	109	0.00
75		2-Chlorotoluene	1.544	1.604	-3.9	110	0.00
76		1,3,5-Trimethylbenzene	1.791	1.860	-3.9	109	0.00
77		t-1,4-Dichloro-2-butene	0.196	0.161	17.9	95	0.00
78		4-Chlorotoluene	1.770	1.842	-4.1	112	0.00
79		tert-butylbenzene	1.710	1.734	-1.4	108	0.00
80		1,2,4-Trimethylbenzene	1.780	1.856	-4.3	110	0.00
81		sec-Butylbenzene	2.072	2.122	-2.4	110	0.00
82		p-Isopropyltoluene	1.748	1.772	-1.4	110	0.00
83	M	1,3-Dichlorobenzene	0.965	0.971	-0.6	105	0.00
84	M	1,4-Dichlorobenzene	0.969	0.995	-2.7	108	0.00
85		n-Butylbenzene	1.507	1.508	-0.1	111	0.00
86	T	Hexachloroethane	0.286	0.261	8.7	110	0.00
87	M	1,2-Dichlorobenzene	0.944	0.974	-3.2	105	0.00
88		1,2-Dibromo-3-Chloropropane	0.153	0.153	0.0	112	0.00
89		1,2,4-Trichlorobenzene	0.566	0.567	-0.2	107	0.00
90		Hexachlorobutadiene	0.218	0.245	-12.4	120	0.00
91	M	Naphthalene	2.001	2.053	-2.6	104	0.00
92		1,2,3-Trichlorobenzene	0.566	0.577	-1.9	105	0.00

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