Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
Data File : VX032780.D
Acq On : 11 Nov 2022 17:34
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Nov 14 05:14:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 11 05:24:06 2022
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	96	0.00
2	M	Dichlorodifluoromethane	2.655	2.831	-6.6	95	0.00
3	M	Chloromethane	2.635	2.718	-3.1	94	0.00
4	M	Vinyl Chloride	2.979	3.122	-4.8	95	0.00
5	M	Bromomethane	2.645	2.092	20.9	74	0.00
6	M	Chloroethane	2.353	2.021	14.1	81	0.00
7	M	Trichlorofluoromethane	5.743	5.972	-4.0	95	0.00
8	T	Diethyl Ether	1.857	1.911	-2.9	95	0.00
9		1,1,2-Trichlorotrifluoroeth	3.055	3.259	-6.7	98	0.00
10	M	1,1-Dichloroethene	2.918	2.954	-1.2	95	0.00
11		Methyl Iodide	3.138	2.189	30.2#	71	0.00
12		Methyl Acetate	4.323	4.287	0.8	92	0.00
13	M	Acrolein	0.576	0.531	7.8	90	0.00
14	M	Acrylonitrile	1.550	1.537	0.8	94	0.00
15	M	Acetone	0.403	0.400	0.7	91	0.00
16	M	Carbon Disulfide	7.265	7.171	1.3	95	0.00
17		Allyl chloride	4.637	4.636	0.0	96	0.00
18	M	Methylene Chloride	3.366	3.431	-1.9	95	0.00
19	M	trans-1,2-Dichloroethene	3.215	3.203	0.4	95	0.00
20	T	Diisopropyl ether	10.398	10.220	1.7	95	0.00
21	M	1,1-Dichloroethane	5.837	5.899	-1.1	94	0.00
22	M	cis-1,2-Dichloroethene	3.754	3.725	0.8	95	0.00
23	M	tert-Butyl Alcohol	0.503	0.524	-4.2	89	-0.02
24	M	Methyl tert-Butyl Ether	10.450	10.427	0.2	96	0.00
25	M	Chloroform	6.510	6.431	1.2	95	0.00
26		Cyclohexane	5.098	5.178	-1.6	97	0.00
27	s	1,2-Dichloroethane-d4	2.894	2.847	1.6	93	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
29		1,1-Dichloropropene	0.665	0.676	-1.7	96	0.00
30	M	2-Butanone	0.310	0.302	2.6	92	0.00
31		2,2-Dichloropropane	0.569	0.667	-17.2	111	0.00
32	M	1,1,1-Trichloroethane	0.837	0.840	-0.4	95	0.00
33	M	Carbon Tetrachloride	0.735	0.736	-0.1	96	0.00
34	M	Benzene	1.875	1.897	-1.2	95	0.00
35		Methacrylonitrile	0.351	0.341	2.8	93	0.00
36	M	1,2-Dichloroethane	0.772	0.772	0.0	92	0.00
37	M	Trichloroethene	0.524	0.543	-3.6	97	0.00
38		Methylcyclohexane	0.745	0.789	-5.9	100	0.00
39	M	1,2-Dichloropropane	0.475	0.484	-1.9	97	0.00
40		Dibromomethane	0.362	0.367	-1.4	95	0.00
41	M	Bromodichloromethane	0.691	0.691	0.0	96	0.00
42	M	Vinyl Acetate	1.192	1.198	-0.5	96	0.00
43		Ethyl Acetate	0.624	0.623	0.2	92	0.00
44		Isopropyl Acetate	1.046	1.045	0.1	96	0.00
45	T	1,4-Dioxane	0.010	0.009	10.0	80	-0.02
46		Methyl methacrylate	0.526	0.528	-0.4	96	0.00
47		n-amyl Acetate	0.930	0.926	0.4	95	0.00
48	M	t-1,3-Dichloropropene	0.708	0.702	0.8	98	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.748	0.760	-1.6	99	0.00
50	M	1,1,2-Trichloroethane	0.498	0.509	-2.2	99	0.00
51		Ethyl methacrylate	0.744	0.744	0.0	96	0.00
52		1,3-Dichloropropane	0.814	0.832	-2.2	95	0.00
53	M	Dibromochloromethane	0.542	0.534	1.5	97	0.00
54	M	1,2-Dibromoethane	0.537	0.535	0.4	97	0.00
55	M	2-Chloroethyl vinyl ether	0.360	0.375	-4.2	99	0.00
56	M	Bromoform	0.388	0.361	7.0	93	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
58	M	4-Methyl-2-Pentanone	0.587	0.599	-2.0	93	0.00
59	M	2-Hexanone	0.432	0.439	-1.6	92	0.00
60	S	4-Bromofluorobenzene	0.574	0.567	1.2	95	0.00
61	M	Tetrachloroethene	0.419	0.428	-2.1	98	0.00
62	M	Toluene	1.951	1.988	-1.9	96	0.00
63	S	Toluene-d8	1.012	1.031	-1.9	96	0.00
64	M	Chlorobenzene	1.206	1.243	-3.1	98	0.00
65		1,1,1,2-Tetrachloroethane	0.459	0.461	-0.4	95	0.00
66	M	Ethyl Benzene	2.189	2.238	-2.2	97	0.00
67	M	m/p-Xylenes	0.852	0.872	-2.3	97	0.00
68	M	o-Xylene	0.836	0.834	0.2	95	0.00
69	M	Styrene	1.389	1.408	-1.4	96	0.00
70		Isopropylbenzene	2.231	2.299	-3.0	97	0.00
71	M	1,1,2,2-Tetrachloroethane	0.677	0.688	-1.6	95	0.00
72		1,2,3-Trichloropropane	0.588	0.613	-4.3	94	0.00
73		Bromobenzene	0.542	0.551	-1.7	96	0.00
74		n-propylbenzene	2.535	2.659	-4.9	99	0.00
75		2-Chlorotoluene	1.535	1.593	-3.8	98	0.00
76		1,3,5-Trimethylbenzene	1.886	1.962	-4.0	98	0.00
77		t-1,4-Dichloro-2-butene	0.179	0.164	8.4	92	0.00
78		4-Chlorotoluene	1.768	1.861	-5.3	100	0.00
79		tert-butylbenzene	1.833	1.870	-2.0	97	0.00
80		1,2,4-Trimethylbenzene	1.844	1.945	-5.5	98	0.00
81		sec-Butylbenzene	2.207	2.320	-5.1	100	0.00
82		p-Isopropyltoluene	1.860	1.966	-5.7	100	0.00
83	M	1,3-Dichlorobenzene	0.995	1.059	-6.4	100	0.00
84	M	1,4-Dichlorobenzene	0.999	1.062	-6.3	100	0.00
85		n-Butylbenzene	1.576	1.705	-8.2	103	0.00
86	T	Hexachloroethane	0.305	0.283	7.2	92	0.00
87	M	1,2-Dichlorobenzene	0.989	1.031	-4.2	98	0.00
88		1,2-Dibromo-3-Chloropropane	0.144	0.143	0.7	99	0.00
89		1,2,4-Trichlorobenzene	0.607	0.642	-5.8	102	0.00
90		Hexachlorobutadiene	0.244	0.268	-9.8	105	0.00
91	M	Naphthalene	2.049	2.133	-4.1	98	0.00
92		1,2,3-Trichlorobenzene	0.611	0.650	-6.4	100	0.00

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