Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010923\
Data File : VX033674.D
Acq On : 09 Jan 2023 19:30
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jan 10 00:49:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jan 07 06:16:21 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	88	0.00
2	M	Dichlorodifluoromethane	3.137	3.184	-1.5	85	0.00
3	M	Chloromethane	3.363	3.865	-14.9	95	0.00
4	M	Vinyl Chloride	3.038	3.594	-18.3	107	0.00
5	M	Bromomethane	1.683	1.409	16.3	72	0.00
6	M	Chloroethane	1.779	1.777	0.1	89	0.00
7	M	Trichlorofluoromethane	4.688	4.058	13.4	73	0.00
8	T	Diethyl Ether	1.526	1.359	10.9	84	0.00
9		1,1,2-Trichlorotrifluoroeth	2.431	2.148	11.6	84	0.00
10	M	1,1-Dichloroethene	2.292	2.044	10.8	85	0.00
11		Methyl Iodide	3.940	1.677	57.4#	41#	0.00
12		Methyl Acetate	4.798	3.574	25.5#	66	0.00
13	M	Acrolein	0.517	0.506	2.1	98	0.00
14	M	Acrylonitrile	1.582	1.720	-8.7	92	0.00
15	M	Acetone	0.358	0.293	18.2	80	0.00
16	M	Carbon Disulfide	6.669	5.675	14.9	84	0.00
17		Allyl chloride	4.875	3.844	21.1	68	0.00
18	M	Methylene Chloride	3.210	2.459	23.4	68	0.00
19	M	trans-1,2-Dichloroethene	3.079	3.222	-4.6	90	0.00
20	T	Diisopropyl ether	10.523	11.104	-5.5	88	0.00
21	M	1,1-Dichloroethane	5.771	5.960	-3.3	89	0.00
22	M	cis-1,2-Dichloroethene	3.662	3.671	-0.2	87	0.00
23	M	tert-Butyl Alcohol	0.625	0.566	9.4	76	-0.04
24	M	Methyl tert-Butyl Ether	9.786	9.959	-1.8	86	0.00
25	M	Chloroform	5.857	6.222	-6.2	89	0.00
26		Cyclohexane	5.356	5.567	-3.9	89	0.00
27	s	1,2-Dichloroethane-d4	2.429	2.617	-7.7	88	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
29		1,1-Dichloropropene	0.648	0.669	-3.2	89	0.00
30	M	2-Butanone	0.339	0.343	-1.2	87	0.00
31		2,2-Dichloropropane	0.558	0.610	-9.3	97	0.00
32	M	1,1,1-Trichloroethane	0.757	0.777	-2.6	90	0.00
33	M	Carbon Tetrachloride	0.683	0.738	-8.1	95	0.00
34	M	Benzene	1.884	1.937	-2.8	90	0.00
35		Methacrylonitrile	0.386	0.399	-3.4	89	0.00
36	M	1,2-Dichloroethane	0.685	0.736	-7.4	90	0.00
37	M	Trichloroethene	0.543	0.544	-0.2	88	0.00
38		Methylcyclohexane	0.806	0.822	-2.0	89	0.00
39	M	1,2-Dichloropropane	0.481	0.491	-2.1	87	0.00
40		Dibromomethane	0.338	0.346	-2.4	88	0.00
41	M	Bromodichloromethane	0.656	0.704	-7.3	93	0.00
42	M	Vinyl Acetate	1.210	1.224	-1.2	86	0.00
43		Ethyl Acetate	0.694	0.674	2.9	80	0.00
44		Isopropyl Acetate	1.089	1.048	3.8	85	0.00
45	T	1,4-Dioxane	0.012	0.011	8.3	79	-0.02
46		Methyl methacrylate	0.551	0.552	-0.2	86	0.00
47		n-amyl Acetate	0.927	0.919	0.9	86	0.00
48	M	t-1,3-Dichloropropene	0.671	0.680	-1.3	92	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.745	0.760	-2.0	92	0.00
50	M	1,1,2-Trichloroethane	0.491	0.502	-2.2	89	0.00
51		Ethyl methacrylate	0.732	0.721	1.5	86	0.00
52		1,3-Dichloropropane	0.823	0.863	-4.9	90	0.00
53	M	Dibromochloromethane	0.535	0.596	-11.4	101	0.00
54	M	1,2-Dibromoethane	0.525	0.545	-3.8	91	0.00
55	M	2-Chloroethyl vinyl ether	0.354	0.343	3.1	85	0.00
56	M	Bromoform	0.411	0.455	-10.7	100	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
58	M	4-Methyl-2-Pentanone	0.596	0.638	-7.0	89	0.00
59	M	2-Hexanone	0.439	0.465	-5.9	89	0.00
60	S	4-Bromofluorobenzene	0.541	0.559	-3.3	88	0.00
61	M	Tetrachloroethene	0.433	0.444	-2.5	90	0.00
62	M	Toluene	1.888	1.951	-3.3	88	0.00
63	S	Toluene-d8	0.960	0.979	-2.0	86	0.00
64	M	Chlorobenzene	1.216	1.247	-2.5	89	0.00
65		1,1,1,2-Tetrachloroethane	0.458	0.474	-3.5	90	0.00
66	M	Ethyl Benzene	2.106	2.189	-3.9	89	0.00
67	M	m/p-Xylenes	0.831	0.864	-4.0	88	0.00
68	M	o-Xylene	0.817	0.856	-4.8	89	0.00
69	M	Styrene	1.352	1.393	-3.0	88	0.00
70		Isopropylbenzene	2.116	2.221	-5.0	89	0.00
71	M	1,1,2,2-Tetrachloroethane	0.637	0.697	-9.4	92	0.00
72		1,2,3-Trichloropropane	0.577	0.633	-9.7	92	0.00
73		Bromobenzene	0.560	0.576	-2.9	89	0.00
74		n-propylbenzene	2.402	2.556	-6.4	91	0.00
75		2-Chlorotoluene	1.437	1.540	-7.2	92	0.00
76		1,3,5-Trimethylbenzene	1.757	1.860	-5.9	90	0.00
77		t-1,4-Dichloro-2-butene	0.173	0.178	-2.9	97	0.00
78		4-Chlorotoluene	1.611	1.728	-7.3	91	0.00
79		tert-butylbenzene	1.802	1.906	-5.8	90	0.00
80		1,2,4-Trimethylbenzene	1.735	1.867	-7.6	91	0.00
81		sec-Butylbenzene	2.180	2.331	-6.9	92	0.00
82		p-Isopropyltoluene	1.880	2.026	-7.8	92	0.00
83	M	1,3-Dichlorobenzene	1.022	1.058	-3.5	90	0.00
84	M	1,4-Dichlorobenzene	1.019	1.065	-4.5	91	0.00
85		n-Butylbenzene	1.529	1.643	-7.5	95	0.00
86	T	Hexachloroethane	0.306	0.346	-13.1	104	0.00
87	M	1,2-Dichlorobenzene	0.985	1.076	-9.2	95	0.00
88		1,2-Dibromo-3-Chloropropane	0.132	0.143	-8.3	95	0.00
89		1,2,4-Trichlorobenzene	0.677	0.699	-3.2	91	0.00
90		Hexachlorobutadiene	0.325	0.336	-3.4	92	0.00
91	M	Naphthalene	1.989	2.113	-6.2	91	0.00
92		1,2,3-Trichlorobenzene	0.679	0.712	-4.9	93	0.00

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