Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120823\
Data File : VX039104.D
Acq On : 08 Dec 2023 14:44
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Dec 08 23:48:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 27 03:22:25 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	91	0.00
2	M	Dichlorodifluoromethane	4.490	3.246	27.7#	65	0.00
3	M	Chloromethane	5.141	4.623	10.1	83	0.00
4	M	Vinyl Chloride	5.191	4.070	21.6	72	0.00
5	M	Bromomethane	3.175	3.303	-4.0	84	0.00
6	M	Chloroethane	3.023	2.809	7.1	81	0.00
7	M	Trichlorofluoromethane	7.164	5.496	23.3	69	0.00
8	T	Diethyl Ether	2.750	2.909	-5.8	96	0.00
9		1,1,2-Trichlorotrifluoroeth	4.048	3.482	14.0	79	0.00
10	M	1,1-Dichloroethene	4.081	3.497	14.3	79	0.00
11		Methyl Iodide	4.472	4.109	8.1	92	0.00
12		Methyl Acetate	12.727	15.639	-22.9	113	0.00
13	M	Acrolein	1.115	1.208	-8.3	103	0.00
14	M	Acrylonitrile	3.113	3.678	-18.1	109	0.00
15	M	Acetone	1.131	1.202	-6.3	86	0.00
16	M	Carbon Disulfide	12.359	9.607	22.3	72	0.00
17		Allyl chloride	8.101	8.352	-3.1	94	0.00
18	M	Methylene Chloride	4.837	5.262	-8.8	103	0.00
19	M	trans-1,2-Dichloroethene	4.615	4.206	8.9	85	0.00
20	T	Diisopropyl ether	15.416	17.511	-13.6	104	0.00
21	M	1,1-Dichloroethane	8.571	8.844	-3.2	95	0.00
22	M	cis-1,2-Dichloroethene	5.349	5.297	1.0	91	-0.01
23	M	tert-Butyl Alcohol	1.723	1.760	-2.1	97	0.00
24	M	Methyl tert-Butyl Ether	15.032	16.756	-11.5	103	0.00
25	M	Chloroform	8.603	8.890	-3.3	96	0.00
26		Cyclohexane	7.758	6.135	20.9	73	0.00
27	s	1,2-Dichloroethane-d4	4.104	4.297	-4.7	93	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
29		1,1-Dichloropropene	0.841	0.770	8.4	79	0.00
30	M	2-Butanone	0.633	0.760	-20.1	100	0.00
31		2,2-Dichloropropane	0.962	0.893	7.2	79	0.00
32	M	1,1,1-Trichloroethane	0.972	0.900	7.4	79	0.00
33	M	Carbon Tetrachloride	0.819	0.704	14.0	74	0.00
34	M	Benzene	2.450	2.568	-4.8	90	0.00
35		Methacrylonitrile	0.561	0.702	-25.1#	110	0.00
36	M	1,2-Dichloroethane	0.899	1.019	-13.3	97	0.00
37	M	Trichloroethene	0.622	0.592	4.8	81	0.00
38		Methylcyclohexane	1.048	0.863	17.7	70	0.00
39	M	1,2-Dichloropropane	0.646	0.745	-15.3	102	0.00
40		Dibromomethane	0.457	0.510	-11.6	97	0.00
41	M	Bromodichloromethane	0.877	0.976	-11.3	96	0.00
42	M	Vinyl Acetate	1.508	1.811	-20.1	102	0.00
43		Ethyl Acetate	1.089	1.330	-22.1	104	-0.01
44		Isopropyl Acetate	1.717	2.056	-19.7	105	0.00
45	T	1,4-Dioxane	0.018	0.016	11.1	84	0.00
46		Methyl methacrylate	0.982	1.189	-21.1	105	0.00
47		n-amyl Acetate	1.453	1.664	-14.5	103	0.00
48	M	t-1,3-Dichloropropene	1.017	1.081	-6.3	92	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	1.049	1.144	-9.1	94	0.00
50	M	1,1,2-Trichloroethane	0.620	0.733	-18.2	102	0.00
51		Ethyl methacrylate	0.776	0.929	-19.7	107	0.00
52		1,3-Dichloropropane	1.063	1.263	-18.8	102	0.00
53	M	Dibromochloromethane	0.666	0.711	-6.8	91	0.00
54	M	1,2-Dibromoethane	0.680	0.767	-12.8	99	0.00
55	M	2-Chloroethyl vinyl ether	0.492	0.604	-22.8	111	0.00
56	M	Bromoform	0.481	0.484	-0.6	89	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
58	M	4-Methyl-2-Pentanone	0.910	1.198	-31.6#	108	0.00
59	M	2-Hexanone	0.747	0.944	-26.4#	104	0.00
60	S	4-Bromofluorobenzene	0.655	0.662	-1.1	83	0.00
61	M	Tetrachloroethene	0.390	0.368	5.6	76	0.00
62	M	Toluene	2.130	2.212	-3.8	86	0.00
63	S	Toluene-d8	1.186	1.191	-0.4	82	0.00
64	M	Chlorobenzene	1.296	1.346	-3.9	87	0.00
65		1,1,1,2-Tetrachloroethane	0.467	0.503	-7.7	89	0.00
66	M	Ethyl Benzene	2.425	2.357	2.8	80	0.00
67	M	m/p-Xylenes	0.896	0.863	3.7	80	0.00
68	M	o-Xylene	0.868	0.846	2.5	82	0.00
69	M	Styrene	1.285	1.278	0.5	84	0.00
70		Isopropylbenzene	2.323	2.212	4.8	79	0.00
71	M	1,1,2,2-Tetrachloroethane	0.867	1.056	-21.8	102	0.00
72		1,2,3-Trichloropropane	0.734	0.908	-23.7	102	0.00
73		Bromobenzene	0.529	0.521	1.5	84	0.00
74		n-propylbenzene	2.846	2.656	6.7	77	0.00
75		2-Chlorotoluene	1.670	1.627	2.6	82	0.00
76		1,3,5-Trimethylbenzene	2.001	1.886	5.7	78	0.00
77		t-1,4-Dichloro-2-butene	0.291	0.322	-10.7	98	0.00
78		4-Chlorotoluene	1.963	1.855	5.5	79	0.00
79		tert-butylbenzene	1.903	1.811	4.8	79	0.00
80		1,2,4-Trimethylbenzene	2.003	1.881	6.1	78	0.00
81		sec-Butylbenzene	2.405	2.203	8.4	77	0.00
82		p-Isopropyltoluene	2.039	1.860	8.8	77	0.00
83	M	1,3-Dichlorobenzene	1.012	0.986	2.6	83	0.00
84	M	1,4-Dichlorobenzene	1.038	0.964	7.1	78	0.00
85		n-Butylbenzene	2.013	1.821	9.5	77	0.00
86	T	Hexachloroethane	0.386	0.335	13.2	73	0.00
87	M	1,2-Dichlorobenzene	0.973	0.953	2.1	82	0.00
88		1,2-Dibromo-3-Chloropropane	0.222	0.246	-10.8	93	0.00
89		1,2,4-Trichlorobenzene	0.645	0.604	6.4	79	0.00
90		Hexachlorobutadiene	0.230	0.205	10.9	74	0.00
91	M	Naphthalene	2.379	2.418	-1.6	87	0.00
92		1,2,3-Trichlorobenzene	0.625	0.597	4.5	80	0.00

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