Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013025\
Data File : VX044769.D
Acq On : 30 Jan 2025 09:23
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jan 30 12:08:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
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	89	0.00
2	M	Dichlorodifluoromethane	2.667	2.620	1.8	88	0.00
3	M	Chloromethane	2.806	3.021	-7.7	93	0.00
4	M	Vinyl Chloride	2.745	2.944	-7.2	96	0.00
5	M	Bromomethane	0.663	0.748	-12.8	103	0.00
6	M	Chloroethane	0.435	0.960	-120.7#	199#	0.00
7	M	Trichlorofluoromethane	3.006	3.476	-15.6	105	0.00
8	T	Diethyl Ether	1.160	1.129	2.7	87	0.00
9		1,1,2-Trichlorotrifluoroeth	2.154	2.476	-14.9	106	0.00
10	M	1,1-Dichloroethene	2.216	2.395	-8.1	99	0.00
11		Methyl Iodide	3.071	3.195	-4.0	91	0.00
12		Methyl Acetate	3.235	3.603	-11.4	102	0.00
13	M	Acrolein	0.358	0.382	-6.7	116	0.00
14	M	Acrylonitrile	1.179	1.317	-11.7	98	0.00
15	M	Acetone	0.316	0.387	-22.5	111	0.00
16	M	Carbon Disulfide	6.158	6.310	-2.5	92	0.00
17		Allyl chloride	3.996	4.272	-6.9	94	0.00
18	M	Methylene Chloride	2.480	2.671	-7.7	94	0.00
19	M	trans-1,2-Dichloroethene	2.203	2.351	-6.7	95	0.00
20	T	Diisopropyl ether	7.253	8.124	-12.0	97	0.00
21	M	1,1-Dichloroethane	4.303	4.590	-6.7	94	0.00
22	M	cis-1,2-Dichloroethene	2.727	2.910	-6.7	92	0.00
23	M	tert-Butyl Alcohol	0.570	0.566	0.7	86	0.00
24	M	Methyl tert-Butyl Ether	7.678	7.700	-0.3	88	0.00
25	M	Chloroform	4.275	4.326	-1.2	89	0.00
26		Cyclohexane	3.616	4.169	-15.3	104	0.00
27	s	1,2-Dichloroethane-d4	2.896	2.548	12.0	79	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
29		1,1-Dichloropropene	0.522	0.553	-5.9	95	0.00
30	M	2-Butanone	0.287	0.323	-12.5	98	0.00
31		2,2-Dichloropropane	0.722	0.703	2.6	86	-0.01
32	M	1,1,1-Trichloroethane	0.692	0.678	2.0	86	0.00
33	M	Carbon Tetrachloride	0.583	0.578	0.9	88	0.00
34	M	Benzene	1.665	1.815	-9.0	94	0.00
35		Methacrylonitrile	0.320	0.331	-3.4	91	0.00
36	M	1,2-Dichloroethane	0.595	0.545	8.4	79	0.00
37	M	Trichloroethene	0.402	0.426	-6.0	94	0.00
38		Methylcyclohexane	0.709	0.780	-10.0	101	0.00
39	M	1,2-Dichloropropane	0.415	0.438	-5.5	91	0.00
40		Dibromomethane	0.309	0.305	1.3	87	0.00
41	M	Bromodichloromethane	0.637	0.629	1.3	86	0.00
42	M	Vinyl Acetate	1.138	1.210	-6.3	91	0.00
43		Ethyl Acetate	0.562	0.619	-10.1	93	-0.01
44		Isopropyl Acetate	1.010	1.029	-1.9	88	0.00
45	T	1,4-Dioxane	0.010	0.011	-10.0	96	-0.02
46		Methyl methacrylate	0.494	0.500	-1.2	88	0.00
47		n-amyl Acetate	0.848	0.915	-7.9	91	0.00
48	M	t-1,3-Dichloropropene	0.673	0.654	2.8	84	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.721	0.724	-0.4	86	0.00
50	M	1,1,2-Trichloroethane	0.397	0.433	-9.1	92	0.00
51		Ethyl methacrylate	0.691	0.713	-3.2	88	0.00
52		1,3-Dichloropropane	0.687	0.745	-8.4	93	0.00
53	M	Dibromochloromethane	0.475	0.482	-1.5	86	0.00
54	M	1,2-Dibromoethane	0.420	0.442	-5.2	90	0.00
55	M	2-Chloroethyl vinyl ether	0.335	0.427	-27.5#	109	0.00
56	M	Bromoform	0.315	0.314	0.3	87	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
58	M	4-Methyl-2-Pentanone	0.632	0.678	-7.3	95	0.00
59	M	2-Hexanone	0.463	0.499	-7.8	95	0.00
60	S	4-Bromofluorobenzene	0.583	0.559	4.1	88	0.00
61	M	Tetrachloroethene	0.360	0.377	-4.7	97	0.00
62	M	Toluene	1.975	2.085	-5.6	96	0.00
63	S	Toluene-d8	1.632	1.603	1.8	90	0.00
64	M	Chlorobenzene	1.227	1.308	-6.6	96	0.00
65		1,1,1,2-Tetrachloroethane	0.441	0.428	2.9	87	0.00
66	M	Ethyl Benzene	2.156	2.256	-4.6	94	0.00
67	M	m/p-Xylenes	0.792	0.878	-10.9	97	0.00
68	M	o-Xylene	0.795	0.860	-8.2	95	0.00
69	M	Styrene	1.306	1.419	-8.7	95	0.00
70		Isopropylbenzene	1.999	2.189	-9.5	97	0.00
71	M	1,1,2,2-Tetrachloroethane	0.672	0.724	-7.7	96	0.00
72		1,2,3-Trichloropropane	0.565	0.577	-2.1	90	0.00
73		Bromobenzene	0.466	0.508	-9.0	97	0.00
74		n-propylbenzene	2.271	2.526	-11.2	99	0.00
75		2-Chlorotoluene	1.428	1.503	-5.3	93	0.00
76		1,3,5-Trimethylbenzene	1.624	1.811	-11.5	98	0.00
77		t-1,4-Dichloro-2-butene	0.268	0.254	5.2	86	0.00
78		4-Chlorotoluene	1.573	1.687	-7.2	95	0.00
79		tert-butylbenzene	1.668	1.853	-11.1	97	0.00
80		1,2,4-Trimethylbenzene	1.638	1.763	-7.6	95	0.00
81		sec-Butylbenzene	1.992	2.336	-17.3	104	0.00
82		p-Isopropyltoluene	1.639	1.877	-14.5	101	0.00
83	M	1,3-Dichlorobenzene	0.827	0.906	-9.6	98	0.00
84	M	1,4-Dichlorobenzene	0.811	0.914	-12.7	99	0.00
85		n-Butylbenzene	1.421	1.664	-17.1	106	0.00
86	T	Hexachloroethane	0.361	0.368	-1.9	93	0.00
87	M	1,2-Dichlorobenzene	0.826	0.920	-11.4	98	0.00
88		1,2-Dibromo-3-Chloropropane	0.162	0.137	15.4	78	0.00
89		1,2,4-Trichlorobenzene	0.513	0.558	-8.8	102	0.00
90		Hexachlorobutadiene	0.199	0.227	-14.1	103	0.00
91	M	Naphthalene	1.921	1.991	-3.6	93	0.00
92		1,2,3-Trichlorobenzene	0.522	0.562	-7.7	97	0.00

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