Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031925\
Data File : VX045345.D
Acq On : 19 Mar 2025 14:56
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Mar 20 01:35:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 01:06:36 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	85	0.00
2	M	Dichlorodifluoromethane	2.529	2.533	-0.2	87	0.00
3	M	Chloromethane	3.029	2.777	8.3	79	0.01
4	M	Vinyl Chloride	2.923	2.435	16.7	73	0.00
5	M	Bromomethane	1.017	1.184	-16.4	103	0.00
6	M	Chloroethane	1.583	1.392	12.1	71	0.00
7	M	Trichlorofluoromethane	3.928	3.732	5.0	85	0.00
8	T	Diethyl Ether	1.486	1.310	11.8	78	0.00
9		1,1,2-Trichlorotrifluoroeth	2.333	2.365	-1.4	91	0.00
10	M	1,1-Dichloroethene	2.279	2.248	1.4	89	0.00
11		Methyl Iodide	2.579	2.595	-0.6	101	0.00
12		Methyl Acetate	2.646	4.425	-67.2#	152#	0.00
13	M	Acrolein	0.530	0.543	-2.5	97	0.00
14	M	Acrylonitrile	1.293	1.464	-13.2	100	0.00
15	M	Acetone	0.355	0.372	-4.8	90	0.00
16	M	Carbon Disulfide	6.464	5.157	20.2	73	0.00
17		Allyl chloride	4.262	4.207	1.3	90	0.00
18	M	Methylene Chloride	2.563	2.592	-1.1	88	0.00
19	M	trans-1,2-Dichloroethene	2.306	2.280	1.1	88	0.00
20	T	Diisopropyl ether	8.191	8.220	-0.4	89	0.00
21	M	1,1-Dichloroethane	4.555	4.727	-3.8	92	0.00
22	M	cis-1,2-Dichloroethene	2.763	2.773	-0.4	89	0.00
23	M	tert-Butyl Alcohol	0.451	0.449	0.4	89	-0.02
24	M	Methyl tert-Butyl Ether	7.438	7.700	-3.5	93	0.00
25	M	Chloroform	4.400	4.692	-6.6	93	0.00
26		Cyclohexane	4.205	3.958	5.9	83	0.00
27	s	1,2-Dichloroethane-d4	2.914	3.263	-12.0	96	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
29		1,1-Dichloropropene	0.552	0.541	2.0	84	-0.01
30	M	2-Butanone	0.319	0.378	-18.5	102	0.00
31		2,2-Dichloropropane	0.624	0.579	7.2	83	0.00
32	M	1,1,1-Trichloroethane	0.669	0.706	-5.5	92	0.00
33	M	Carbon Tetrachloride	0.564	0.603	-6.9	92	0.00
34	M	Benzene	1.731	1.782	-2.9	88	0.00
35		Methacrylonitrile	0.341	0.398	-16.7	100	0.00
36	M	1,2-Dichloroethane	0.592	0.698	-17.9	101	0.00
37	M	Trichloroethene	0.405	0.409	-1.0	86	0.00
38		Methylcyclohexane	0.741	0.711	4.0	85	0.00
39	M	1,2-Dichloropropane	0.430	0.451	-4.9	89	0.00
40		Dibromomethane	0.309	0.334	-8.1	93	0.00
41	M	Bromodichloromethane	0.614	0.650	-5.9	92	0.00
42	M	Vinyl Acetate	1.237	1.227	0.8	86	0.00
43		Ethyl Acetate	0.598	0.643	-7.5	93	0.00
44		Isopropyl Acetate	0.984	1.060	-7.7	97	0.00
45	T	1,4-Dioxane	0.010	0.010	0.0	81	0.00
46		Methyl methacrylate	0.482	0.535	-11.0	98	0.00
47		n-amyl Acetate	0.854	0.892	-4.4	93	0.00
48	M	t-1,3-Dichloropropene	0.591	0.569	3.7	90	0.00

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Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Mar 20 01:35:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 01:06:36 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)
49	T	cis-1,3-Dichloropropene	0.670	0.663	1.0	87	0.00
50	M	1,1,2-Trichloroethane	0.403	0.437	-8.4	91	0.00
51		Ethyl methacrylate	0.633	0.652	-3.0	93	0.00
52		1,3-Dichloropropane	0.706	0.770	-9.1	92	0.00
53	M	Dibromochloromethane	0.445	0.466	-4.7	90	0.00
54	M	1,2-Dibromoethane	0.409	0.438	-7.1	92	0.00
55	M	2-Chloroethyl vinyl ether	0.325	0.317	2.5	84	0.00
56	M	Bromoform	0.279	0.302	-8.2	98	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
58	M	4-Methyl-2-Pentanone	0.682	0.815	-19.5	103	0.00
59	M	2-Hexanone	0.493	0.602	-22.1	106	0.00
60	S	4-Bromofluorobenzene	0.561	0.576	-2.7	88	0.00
61	M	Tetrachloroethene	0.369	0.382	-3.5	89	0.00
62	M	Toluene	1.987	2.007	-1.0	88	0.00
63	S	Toluene-d8	1.660	1.655	0.3	85	0.00
64	M	Chlorobenzene	1.231	1.253	-1.8	89	0.00
65		1,1,1,2-Tetrachloroethane	0.406	0.417	-2.7	91	0.00
66	M	Ethyl Benzene	2.176	2.194	-0.8	90	0.00
67	M	m/p-Xylenes	0.811	0.815	-0.5	86	0.00
68	M	o-Xylene	0.795	0.809	-1.8	87	0.00
69	M	Styrene	1.328	1.355	-2.0	88	0.00
70		Isopropylbenzene	2.053	2.148	-4.6	90	0.00
71	M	1,1,2,2-Tetrachloroethane	0.675	0.757	-12.1	98	0.00
72		1,2,3-Trichloropropane	0.555	0.635	-14.4	101	0.00
73		Bromobenzene	0.473	0.493	-4.2	91	0.00
74		n-propylbenzene	2.443	2.527	-3.4	91	0.00
75		2-Chlorotoluene	1.477	1.531	-3.7	90	0.00
76		1,3,5-Trimethylbenzene	1.693	1.783	-5.3	90	0.00
77		t-1,4-Dichloro-2-butene	0.187	0.175	6.4	94	0.00
78		4-Chlorotoluene	1.646	1.714	-4.1	91	0.00
79		tert-butylbenzene	1.706	1.789	-4.9	90	0.00
80		1,2,4-Trimethylbenzene	1.696	1.757	-3.6	88	0.00
81		sec-Butylbenzene	2.141	2.237	-4.5	91	0.00
82		p-Isopropyltoluene	1.735	1.817	-4.7	91	0.00
83	M	1,3-Dichlorobenzene	0.879	0.899	-2.3	88	0.00
84	M	1,4-Dichlorobenzene	0.867	0.895	-3.2	90	0.00
85		n-Butylbenzene	1.584	1.633	-3.1	93	0.00
86	T	Hexachloroethane	0.306	0.304	0.7	93	0.00
87	M	1,2-Dichlorobenzene	0.863	0.921	-6.7	91	0.00
88		1,2-Dibromo-3-Chloropropane	0.131	0.152	-16.0	108	0.00
89		1,2,4-Trichlorobenzene	0.523	0.511	2.3	89	0.00
90		Hexachlorobutadiene	0.213	0.228	-7.0	93	0.00
91	M	Naphthalene	1.843	1.924	-4.4	93	0.00
92		1,2,3-Trichlorobenzene	0.538	0.520	3.3	85	0.00

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