Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022625\
Data File : VX045044.D
Acq On : 26 Feb 2025 10:05
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Feb 27 05:09:55 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	104	0.00
2	M	Dichlorodifluoromethane	2.529	2.454	3.0	103	0.00
3	M	Chloromethane	3.029	2.655	12.3	93	0.01
4	M	Vinyl Chloride	2.923	2.686	8.1	99	0.00
5	M	Bromomethane	1.017	1.071	-5.3	114	0.00
6	M	Chloroethane	1.583	1.484	6.3	93	0.00
7	M	Trichlorofluoromethane	3.928	3.856	1.8	108	0.00
8	T	Diethyl Ether	1.486	1.401	5.7	102	0.00
9		1,1,2-Trichlorotrifluoroeth	2.333	2.200	5.7	105	0.00
10	M	1,1-Dichloroethene	2.279	2.135	6.3	104	0.00
11		Methyl Iodide	2.579	2.256	12.5	108	0.00
12		Methyl Acetate	2.646	2.900	-9.6	122	0.00
13	M	Acrolein	0.530	0.690	-30.2#	152#	0.00
14	M	Acrylonitrile	1.293	1.337	-3.4	112	0.00
15	M	Acetone	0.355	0.399	-12.4	118	0.00
16	M	Carbon Disulfide	6.464	5.736	11.3	100	0.00
17		Allyl chloride	4.262	4.014	5.8	106	0.00
18	M	Methylene Chloride	2.563	2.401	6.3	101	0.00
19	M	trans-1,2-Dichloroethene	2.306	2.144	7.0	102	0.00
20	T	Diisopropyl ether	8.191	7.790	4.9	104	0.00
21	M	1,1-Dichloroethane	4.555	4.283	6.0	103	0.00
22	M	cis-1,2-Dichloroethene	2.763	2.622	5.1	104	0.00
23	M	tert-Butyl Alcohol	0.451	0.434	3.8	106	-0.01
24	M	Methyl tert-Butyl Ether	7.438	7.048	5.2	105	0.00
25	M	Chloroform	4.400	4.317	1.9	106	0.00
26		Cyclohexane	4.205	3.853	8.4	99	0.00
27	s	1,2-Dichloroethane-d4	2.914	2.879	1.2	104	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
29		1,1-Dichloropropene	0.552	0.534	3.3	102	0.00
30	M	2-Butanone	0.319	0.355	-11.3	117	0.00
31		2,2-Dichloropropane	0.624	0.593	5.0	103	0.00
32	M	1,1,1-Trichloroethane	0.669	0.665	0.6	105	0.00
33	M	Carbon Tetrachloride	0.564	0.567	-0.5	106	0.00
34	M	Benzene	1.731	1.711	1.2	103	0.00
35		Methacrylonitrile	0.341	0.364	-6.7	112	0.00
36	M	1,2-Dichloroethane	0.592	0.601	-1.5	106	0.00
37	M	Trichloroethene	0.405	0.399	1.5	102	0.00
38		Methylcyclohexane	0.741	0.716	3.4	104	0.00
39	M	1,2-Dichloropropane	0.430	0.419	2.6	101	0.00
40		Dibromomethane	0.309	0.313	-1.3	106	0.00
41	M	Bromodichloromethane	0.614	0.618	-0.7	106	0.00
42	M	Vinyl Acetate	1.237	1.211	2.1	104	0.00
43		Ethyl Acetate	0.598	0.601	-0.5	106	0.00
44		Isopropyl Acetate	0.984	1.009	-2.5	112	0.00
45	T	1,4-Dioxane	0.010	0.011	-10.0	104	0.00
46		Methyl methacrylate	0.482	0.493	-2.3	110	0.00
47		n-amyl Acetate	0.854	0.789	7.6	100	0.00
48	M	t-1,3-Dichloropropene	0.591	0.541	8.5	104	0.00

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Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Feb 27 05:09:55 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	0.652	2.7	105	0.00
50	M	1,1,2-Trichloroethane	0.403	0.414	-2.7	105	0.00
51		Ethyl methacrylate	0.633	0.599	5.4	104	0.00
52		1,3-Dichloropropane	0.706	0.720	-2.0	104	0.00
53	M	Dibromochloromethane	0.445	0.448	-0.7	105	0.00
54	M	1,2-Dibromoethane	0.409	0.419	-2.4	107	0.00
55	M	2-Chloroethyl vinyl ether	0.325	0.284	12.6	92	0.00
56	M	Bromoform	0.279	0.280	-0.4	111	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
58	M	4-Methyl-2-Pentanone	0.682	0.731	-7.2	111	0.00
59	M	2-Hexanone	0.493	0.516	-4.7	110	0.00
60	S	4-Bromofluorobenzene	0.561	0.545	2.9	101	0.00
61	M	Tetrachloroethene	0.369	0.372	-0.8	105	0.00
62	M	Toluene	1.987	1.977	0.5	105	0.00
63	S	Toluene-d8	1.660	1.673	-0.8	104	0.00
64	M	Chlorobenzene	1.231	1.227	0.3	105	0.00
65		1,1,1,2-Tetrachloroethane	0.406	0.399	1.7	105	0.00
66	M	Ethyl Benzene	2.176	2.132	2.0	105	0.00
67	M	m/p-Xylenes	0.811	0.807	0.5	102	0.00
68	M	o-Xylene	0.795	0.793	0.3	103	0.00
69	M	Styrene	1.328	1.312	1.2	103	0.00
70		Isopropylbenzene	2.053	2.048	0.2	104	0.00
71	M	1,1,2,2-Tetrachloroethane	0.675	0.675	0.0	105	0.00
72		1,2,3-Trichloropropane	0.555	0.560	-0.9	107	0.00
73		Bromobenzene	0.473	0.464	1.9	103	0.00
74		n-propylbenzene	2.443	2.361	3.4	102	0.00
75		2-Chlorotoluene	1.477	1.435	2.8	101	0.00
76		1,3,5-Trimethylbenzene	1.693	1.675	1.1	103	0.00
77		t-1,4-Dichloro-2-butene	0.187	0.174	7.0	112	0.00
78		4-Chlorotoluene	1.646	1.590	3.4	102	0.00
79		tert-butylbenzene	1.706	1.694	0.7	103	0.00
80		1,2,4-Trimethylbenzene	1.696	1.653	2.5	100	0.00
81		sec-Butylbenzene	2.141	2.086	2.6	102	0.00
82		p-Isopropyltoluene	1.735	1.678	3.3	102	0.00
83	M	1,3-Dichlorobenzene	0.879	0.820	6.7	97	0.00
84	M	1,4-Dichlorobenzene	0.867	0.822	5.2	100	0.00
85		n-Butylbenzene	1.584	1.474	6.9	101	0.00
86	T	Hexachloroethane	0.306	0.295	3.6	108	0.00
87	M	1,2-Dichlorobenzene	0.863	0.826	4.3	99	0.00
88		1,2-Dibromo-3-Chloropropane	0.131	0.124	5.3	107	0.00
89		1,2,4-Trichlorobenzene	0.523	0.479	8.4	101	0.00
90		Hexachlorobutadiene	0.213	0.205	3.8	101	0.00
91	M	Naphthalene	1.843	1.718	6.8	100	0.00
92		1,2,3-Trichlorobenzene	0.538	0.494	8.2	98	0.00

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