Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052824\
Data File : VX041652.D
Acq On : 28 May 2024 09:13
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: May 29 05:36:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 16 05:13:13 2024
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	96	0.00
2	M	Dichlorodifluoromethane	1.569	1.618	-3.1	108	0.00
3	M	Chloromethane	1.718	1.649	4.0	93	0.00
4	M	Vinyl Chloride	1.809	1.771	2.1	96	0.00
5	M	Bromomethane	1.151	1.129	1.9	100	0.00
6	M	Chloroethane	0.915	1.022	-11.7	112	0.00
7	M	Trichlorofluoromethane	2.746	3.135	-14.2	111	0.00
8	T	Diethyl Ether	1.025	1.154	-12.6	115	0.00
9		1,1,2-Trichlorotrifluoroeth	1.592	1.794	-12.7	102	0.00
10	M	1,1-Dichloroethene	1.535	1.636	-6.6	97	0.00
11		Methyl Iodide	1.828	2.093	-14.5	113	0.00
12		Methyl Acetate	2.312	2.803	-21.2	117	0.00
13	M	Acrolein	0.281	0.253	10.0	85	0.00
14	M	Acrylonitrile	1.016	1.088	-7.1	107	0.00
15	M	Acetone	0.272	0.406	-49.3#	137	0.00
16	M	Carbon Disulfide	3.465	3.545	-2.3	105	0.00
17		Allyl chloride	2.724	2.947	-8.2	105	0.00
18	M	Methylene Chloride	1.826	1.923	-5.3	100	0.00
19	M	trans-1,2-Dichloroethene	1.760	1.717	2.4	97	0.00
20	T	Diisopropyl ether	5.723	5.982	-4.5	103	0.00
21	M	1,1-Dichloroethane	3.212	3.313	-3.1	103	0.00
22	M	cis-1,2-Dichloroethene	2.139	2.154	-0.7	102	0.00
23	M	tert-Butyl Alcohol	0.431	0.481	-11.6	112	-0.01
24	M	Methyl tert-Butyl Ether	5.730	5.884	-2.7	103	0.00
25	M	Chloroform	3.422	3.482	-1.8	101	0.00
26		Cyclohexane	2.678	2.622	2.1	97	0.00
27	s	1,2-Dichloroethane-d4	2.362	2.388	-1.1	97	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
29		1,1-Dichloropropene	0.397	0.396	0.3	101	0.00
30	M	2-Butanone	0.263	0.287	-9.1	110	0.00
31		2,2-Dichloropropane	0.466	0.479	-2.8	103	0.00
32	M	1,1,1-Trichloroethane	0.532	0.542	-1.9	103	0.00
33	M	Carbon Tetrachloride	0.456	0.478	-4.8	108	0.00
34	M	Benzene	1.253	1.244	0.7	98	0.00
35		Methacrylonitrile	0.266	0.277	-4.1	105	-0.01
36	M	1,2-Dichloroethane	0.468	0.477	-1.9	102	-0.01
37	M	Trichloroethene	0.349	0.335	4.0	97	0.00
38		Methylcyclohexane	0.504	0.491	2.6	98	0.00
39	M	1,2-Dichloropropane	0.296	0.312	-5.4	103	0.00
40		Dibromomethane	0.233	0.237	-1.7	104	0.00
41	M	Bromodichloromethane	0.438	0.453	-3.4	108	0.00
42	M	Vinyl Acetate	0.914	0.923	-1.0	102	0.00
43		Ethyl Acetate	0.508	0.504	0.8	100	0.00
44		Isopropyl Acetate	0.768	0.788	-2.6	105	0.00
45	T	1,4-Dioxane	0.009	0.008	11.1	97	0.00
46		Methyl methacrylate	0.382	0.401	-5.0	108	0.00
47		n-amyl Acetate	0.697	0.711	-2.0	106	0.00
48	M	t-1,3-Dichloropropene	0.440	0.434	1.4	106	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.476	0.485	-1.9	107	0.00
50	M	1,1,2-Trichloroethane	0.324	0.325	-0.3	101	0.00
51		Ethyl methacrylate	0.522	0.520	0.4	104	0.00
52		1,3-Dichloropropane	0.536	0.546	-1.9	101	0.00
53	M	Dibromochloromethane	0.369	0.387	-4.9	112	0.00
54	M	1,2-Dibromoethane	0.344	0.348	-1.2	101	0.00
55	M	2-Chloroethyl vinyl ether	0.255	0.274	-7.5	106	0.00
56	M	Bromoform	0.296	0.312	-5.4	118	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
58	M	4-Methyl-2-Pentanone	0.548	0.599	-9.3	107	0.00
59	M	2-Hexanone	0.437	0.474	-8.5	109	0.00
60	S	4-Bromofluorobenzene	0.468	0.481	-2.8	99	0.00
61	M	Tetrachloroethene	0.367	0.360	1.9	99	0.00
62	M	Toluene	1.493	1.511	-1.2	101	0.00
63	S	Toluene-d8	1.286	1.264	1.7	95	0.00
64	M	Chlorobenzene	1.014	1.019	-0.5	102	0.00
65		1,1,1,2-Tetrachloroethane	0.359	0.374	-4.2	107	0.00
66	M	Ethyl Benzene	1.658	1.670	-0.7	101	0.00
67	M	m/p-Xylenes	0.648	0.660	-1.9	99	0.00
68	M	o-Xylene	0.652	0.658	-0.9	102	0.00
69	M	Styrene	1.094	1.099	-0.5	102	0.00
70		Isopropylbenzene	1.649	1.720	-4.3	102	0.00
71	M	1,1,2,2-Tetrachloroethane	0.566	0.610	-7.8	108	0.00
72		1,2,3-Trichloropropane	0.511	0.506	1.0	98	0.00
73		Bromobenzene	0.484	0.479	1.0	101	0.00
74		n-propylbenzene	1.859	1.925	-3.6	104	0.00
75		2-Chlorotoluene	1.167	1.191	-2.1	101	0.00
76		1,3,5-Trimethylbenzene	1.407	1.443	-2.6	103	0.00
77		t-1,4-Dichloro-2-butene	0.161	0.172	-6.8	117	0.00
78		4-Chlorotoluene	1.330	1.352	-1.7	102	0.00
79		tert-butylbenzene	1.498	1.558	-4.0	105	0.00
80		1,2,4-Trimethylbenzene	1.411	1.450	-2.8	102	0.00
81		sec-Butylbenzene	1.750	1.809	-3.4	104	0.00
82		p-Isopropyltoluene	1.532	1.572	-2.6	104	0.00
83	M	1,3-Dichlorobenzene	0.869	0.890	-2.4	105	0.00
84	M	1,4-Dichlorobenzene	0.878	0.884	-0.7	103	0.00
85		n-Butylbenzene	1.233	1.228	0.4	105	0.00
86	T	Hexachloroethane	0.258	0.276	-7.0	116	0.00
87	M	1,2-Dichlorobenzene	0.887	0.898	-1.2	103	0.00
88		1,2-Dibromo-3-Chloropropane	0.124	0.138	-11.3	116	0.00
89		1,2,4-Trichlorobenzene	0.596	0.601	-0.8	106	0.00
90		Hexachlorobutadiene	0.291	0.303	-4.1	107	0.00
91	M	Naphthalene	1.781	1.821	-2.2	105	0.00
92		1,2,3-Trichlorobenzene	0.609	0.618	-1.5	103	0.00

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