Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
Data File : VX041537.D
Acq On : 15 May 2024 14:01
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051524

Quant Time: May 16 05:17:20 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	108	0.00
2	M	Dichlorodifluoromethane	1.569	1.627	-3.7	122	0.00
3	M	Chloromethane	1.718	1.748	-1.7	112	0.00
4	M	Vinyl Chloride	1.809	1.663	8.1	102	0.00
5	M	Bromomethane	1.151	1.030	10.5	103	0.00
6	M	Chloroethane	0.915	0.896	2.1	111	0.00
7	M	Trichlorofluoromethane	2.746	2.705	1.5	108	0.00
8	T	Diethyl Ether	1.025	0.994	3.0	111	0.00
9		1,1,2-Trichlorotrifluoroeth	1.592	1.721	-8.1	111	0.00
10	M	1,1-Dichloroethene	1.535	1.642	-7.0	110	0.00
11		Methyl Iodide	1.828	1.653	9.6	100	0.00
12		Methyl Acetate	2.312	2.349	-1.6	111	0.00
13	M	Acrolein	0.281	0.279	0.7	106	0.00
14	M	Acrylonitrile	1.016	1.006	1.0	112	0.00
15	M	Acetone	0.272	0.306	-12.5	116	0.00
16	M	Carbon Disulfide	3.465	3.626	-4.6	121	0.00
17		Allyl chloride	2.724	2.786	-2.3	112	0.00
18	M	Methylene Chloride	1.826	1.859	-1.8	109	0.00
19	M	trans-1,2-Dichloroethene	1.760	1.677	4.7	107	0.00
20	T	Diisopropyl ether	5.723	5.575	2.6	108	0.00
21	M	1,1-Dichloroethane	3.212	3.107	3.3	109	0.00
22	M	cis-1,2-Dichloroethene	2.139	2.051	4.1	110	0.00
23	M	tert-Butyl Alcohol	0.431	0.460	-6.7	121	-0.01
24	M	Methyl tert-Butyl Ether	5.730	5.613	2.0	111	0.00
25	M	Chloroform	3.422	3.287	3.9	108	0.00
26		Cyclohexane	2.678	2.615	2.4	109	0.00
27	s	1,2-Dichloroethane-d4	2.362	2.311	2.2	106	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
29		1,1-Dichloropropene	0.397	0.393	1.0	110	0.00
30	M	2-Butanone	0.263	0.272	-3.4	114	0.00
31		2,2-Dichloropropane	0.466	0.470	-0.9	111	0.00
32	M	1,1,1-Trichloroethane	0.532	0.526	1.1	110	0.00
33	M	Carbon Tetrachloride	0.456	0.453	0.7	112	0.00
34	M	Benzene	1.253	1.237	1.3	108	0.00
35		Methacrylonitrile	0.266	0.275	-3.4	114	-0.01
36	M	1,2-Dichloroethane	0.468	0.470	-0.4	110	0.00
37	M	Trichloroethene	0.349	0.341	2.3	108	0.00
38		Methylcyclohexane	0.504	0.513	-1.8	112	0.00
39	M	1,2-Dichloropropane	0.296	0.298	-0.7	109	0.00
40		Dibromomethane	0.233	0.233	0.0	113	0.00
41	M	Bromodichloromethane	0.438	0.422	3.7	110	0.00
42	M	Vinyl Acetate	0.914	0.911	0.3	110	0.00
43		Ethyl Acetate	0.508	0.484	4.7	106	0.00
44		Isopropyl Acetate	0.768	0.764	0.5	112	0.00
45	T	1,4-Dioxane	0.009	0.009	0.0	111	0.00
46		Methyl methacrylate	0.382	0.387	-1.3	114	0.00
47		n-amyl Acetate	0.697	0.687	1.4	112	0.00
48	M	t-1,3-Dichloropropene	0.440	0.424	3.6	113	0.00

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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	0.476	0.467	1.9	113	0.00
50	M	1,1,2-Trichloroethane	0.324	0.316	2.5	109	0.00
51		Ethyl methacrylate	0.522	0.507	2.9	111	0.00
52		1,3-Dichloropropane	0.536	0.533	0.6	109	0.00
53	M	Dibromochloromethane	0.369	0.356	3.5	113	0.00
54	M	1,2-Dibromoethane	0.344	0.350	-1.7	112	0.00
55	M	2-Chloroethyl vinyl ether	0.255	0.201	21.2	86	0.00
56	M	Bromoform	0.296	0.283	4.4	118	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
58	M	4-Methyl-2-Pentanone	0.548	0.555	-1.3	111	0.00
59	M	2-Hexanone	0.437	0.444	-1.6	114	0.00
60	S	4-Bromofluorobenzene	0.468	0.473	-1.1	110	0.00
61	M	Tetrachloroethene	0.367	0.370	-0.8	114	0.00
62	M	Toluene	1.493	1.459	2.3	109	0.00
63	S	Toluene-d8	1.286	1.271	1.2	108	0.00
64	M	Chlorobenzene	1.014	1.006	0.8	112	0.00
65		1,1,1,2-Tetrachloroethane	0.359	0.344	4.2	110	0.00
66	M	Ethyl Benzene	1.658	1.644	0.8	111	0.00
67	M	m/p-Xylenes	0.648	0.660	-1.9	111	0.00
68	M	o-Xylene	0.652	0.639	2.0	111	0.00
69	M	Styrene	1.094	1.075	1.7	112	0.00
70		Isopropylbenzene	1.649	1.672	-1.4	111	0.00
71	M	1,1,2,2-Tetrachloroethane	0.566	0.561	0.9	111	0.00
72		1,2,3-Trichloropropane	0.511	0.523	-2.3	114	0.00
73		Bromobenzene	0.484	0.485	-0.2	114	0.00
74		n-propylbenzene	1.859	1.890	-1.7	114	0.00
75		2-Chlorotoluene	1.167	1.166	0.1	111	0.00
76		1,3,5-Trimethylbenzene	1.407	1.412	-0.4	113	0.00
77		t-1,4-Dichloro-2-butene	0.161	0.149	7.5	114	0.00
78		4-Chlorotoluene	1.330	1.307	1.7	110	0.00
79		tert-butylbenzene	1.498	1.488	0.7	112	0.00
80		1,2,4-Trimethylbenzene	1.411	1.413	-0.1	112	0.00
81		sec-Butylbenzene	1.750	1.750	0.0	113	0.00
82		p-Isopropyltoluene	1.532	1.541	-0.6	115	0.00
83	M	1,3-Dichlorobenzene	0.869	0.864	0.6	114	0.00
84	M	1,4-Dichlorobenzene	0.878	0.873	0.6	114	0.00
85		n-Butylbenzene	1.233	1.210	1.9	116	0.00
86	T	Hexachloroethane	0.258	0.247	4.3	116	0.00
87	M	1,2-Dichlorobenzene	0.887	0.875	1.4	112	0.00
88		1,2-Dibromo-3-Chloropropane	0.124	0.122	1.6	115	0.00
89		1,2,4-Trichlorobenzene	0.596	0.605	-1.5	119	0.00
90		Hexachlorobutadiene	0.291	0.302	-3.8	119	0.00
91	M	Naphthalene	1.781	1.789	-0.4	116	0.00
92		1,2,3-Trichlorobenzene	0.609	0.629	-3.3	118	0.00

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