Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
Data File : VX035947.D
Acq On : 01 Jun 2023 09:56
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jun 02 01:35:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 23 11:36:37 2023
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	100	0.00
2	M	Dichlorodifluoromethane	1.534	2.118	-38.1#	215#	0.00
3	M	Chloromethane	1.882	1.907	-1.3	114	0.00
4	M	Vinyl Chloride	1.769	1.841	-4.1	126	0.00
5	M	Bromomethane	1.190	1.224	-2.9	112	0.00
6	M	Chloroethane	1.115	1.190	-6.7	122	0.00
7	M	Trichlorofluoromethane	2.681	2.968	-10.7	155#	0.00
8	T	Diethyl Ether	1.115	1.103	1.1	105	0.00
9		1,1,2-Trichlorotrifluoroeth	1.443	1.835	-27.2#	192#	0.00
10	M	1,1-Dichloroethene	1.504	1.604	-6.6	127	0.00
11		Methyl Iodide	1.817	1.761	3.1	111	0.00
12		Methyl Acetate	4.249	4.408	-3.7	106	0.00
13	M	Acrolein	0.336	0.393	-17.0	129	0.00
14	M	Acrylonitrile	1.065	1.098	-3.1	107	0.00
15	M	Acetone	0.319	0.361	-13.2	113	0.00
16	M	Carbon Disulfide	3.264	3.684	-12.9	147	0.00
17		Allyl chloride	3.034	3.256	-7.3	120	0.00
18	M	Methylene Chloride	1.958	1.930	1.4	106	0.00
19	M	trans-1,2-Dichloroethene	1.695	1.787	-5.4	115	0.00
20	T	Diisopropyl ether	6.550	6.745	-3.0	109	0.00
21	M	1,1-Dichloroethane	3.433	3.652	-6.4	116	0.00
22	M	cis-1,2-Dichloroethene	2.098	2.121	-1.1	111	0.00
23	M	tert-Butyl Alcohol	0.389	0.455	-17.0	119	0.00
24	M	Methyl tert-Butyl Ether	6.061	6.510	-7.4	114	0.00
25	M	Chloroform	3.523	3.788	-7.5	119	0.00
26		Cyclohexane	2.596	2.999	-15.5	171#	0.00
27	s	1,2-Dichloroethane-d4	2.493	2.617	-5.0	107	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
29		1,1-Dichloropropene	0.418	0.447	-6.9	138	0.00
30	M	2-Butanone	0.273	0.283	-3.7	112	0.00
31		2,2-Dichloropropane	0.449	0.506	-12.7	141	0.00
32	M	1,1,1-Trichloroethane	0.488	0.537	-10.0	139	0.00
33	M	Carbon Tetrachloride	0.385	0.450	-16.9	155#	0.00
34	M	Benzene	1.318	1.306	0.9	113	0.00
35		Methacrylonitrile	0.292	0.291	0.3	111	0.00
36	M	1,2-Dichloroethane	0.513	0.522	-1.8	114	0.00
37	M	Trichloroethene	0.331	0.335	-1.2	119	0.00
38		Methylcyclohexane	0.458	0.506	-10.5	186#	0.00
39	M	1,2-Dichloropropane	0.355	0.341	3.9	110	0.00
40		Dibromomethane	0.240	0.234	2.5	110	0.00
41	M	Bromodichloromethane	0.434	0.463	-6.7	124	0.00
42	M	Vinyl Acetate	0.803	0.782	2.6	112	0.00
43		Ethyl Acetate	0.522	0.470	10.0	103	0.00
44		Isopropyl Acetate	0.850	0.785	7.6	106	0.00
45	T	1,4-Dioxane	0.008	0.009	-12.5	113	0.00
46		Methyl methacrylate	0.411	0.391	4.9	110	0.00
47		n-amyl Acetate	0.714	0.647	9.4	105	0.00
48	M	t-1,3-Dichloropropene	0.480	0.474	1.3	120	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	0.530	0.535	-0.9	117	0.00
50	M	1,1,2-Trichloroethane	0.343	0.347	-1.2	113	0.00
51		Ethyl methacrylate	0.529	0.509	3.8	112	0.00
52		1,3-Dichloropropane	0.598	0.596	0.3	110	0.00
53	M	Dibromochloromethane	0.315	0.331	-5.1	126	0.00
54	M	1,2-Dibromoethane	0.357	0.355	0.6	112	0.00
55	M	2-Chloroethyl vinyl ether	0.281	0.280	0.4	106	0.00
56	M	Bromoform	0.204	0.215	-5.4	135	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
58	M	4-Methyl-2-Pentanone	0.583	0.560	3.9	105	0.00
59	M	2-Hexanone	0.438	0.433	1.1	106	0.00
60	S	4-Bromofluorobenzene	0.503	0.525	-4.4	116	0.00
61	M	Tetrachloroethene	0.289	0.318	-10.0	131	0.00
62	M	Toluene	1.545	1.581	-2.3	117	0.00
63	S	Toluene-d8	1.326	1.327	-0.1	111	0.00
64	M	Chlorobenzene	0.978	0.987	-0.9	114	0.00
65		1,1,1,2-Tetrachloroethane	0.342	0.346	-1.2	118	0.00
66	M	Ethyl Benzene	1.728	1.793	-3.8	123	0.00
67	M	m/p-Xylenes	0.654	0.688	-5.2	122	0.00
68	M	o-Xylene	0.654	0.678	-3.7	117	0.00
69	M	Styrene	1.080	1.112	-3.0	118	0.00
70		Isopropylbenzene	1.670	1.792	-7.3	128	0.00
71	M	1,1,2,2-Tetrachloroethane	0.591	0.579	2.0	108	0.00
72		1,2,3-Trichloropropane	0.515	0.492	4.5	111	0.00
73		Bromobenzene	0.406	0.416	-2.5	117	0.00
74		n-propylbenzene	1.990	2.075	-4.3	125	0.00
75		2-Chlorotoluene	1.223	1.297	-6.1	124	0.00
76		1,3,5-Trimethylbenzene	1.418	1.520	-7.2	127	0.00
77		t-1,4-Dichloro-2-butene	0.155	0.144	7.1	122	0.00
78		4-Chlorotoluene	1.393	1.466	-5.2	123	0.00
79		tert-butylbenzene	1.369	1.454	-6.2	129	0.00
80		1,2,4-Trimethylbenzene	1.425	1.494	-4.8	123	0.00
81		sec-Butylbenzene	1.728	1.813	-4.9	133	0.00
82		p-Isopropyltoluene	1.438	1.520	-5.7	132	0.00
83	M	1,3-Dichlorobenzene	0.768	0.797	-3.8	120	0.00
84	M	1,4-Dichlorobenzene	0.771	0.802	-4.0	120	0.00
85		n-Butylbenzene	1.279	1.311	-2.5	137	0.00
86	T	Hexachloroethane	0.226	0.227	-0.4	141	0.00
87	M	1,2-Dichlorobenzene	0.752	0.780	-3.7	115	0.00
88		1,2-Dibromo-3-Chloropropane	0.113	0.128	-13.3	134	0.00
89		1,2,4-Trichlorobenzene	0.451	0.484	-7.3	129	0.00
90		Hexachlorobutadiene	0.166	0.199	-19.9	172#	0.00
91	M	Naphthalene	1.560	1.663	-6.6	121	0.00
92		1,2,3-Trichlorobenzene	0.450	0.474	-5.3	125	0.00

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