Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030322\
Data File : VX027279.D
Acq On : 03 Mar 2022 18:39
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030322

Quant Time: Mar 04 02:40:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030322W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 04 01:00:22 2022
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	1.920	1.967	-2.4	94	0.00
3	M	Chloromethane	1.544	1.657	-7.3	99	0.00
4	M	Vinyl Chloride	1.479	1.555	-5.1	98	0.00
5	M	Bromomethane	0.795	1.027	-29.2#	113	0.00
6	M	Chloroethane	0.874	0.925	-5.8	101	0.00
7	M	Trichlorofluoromethane	2.530	2.624	-3.7	99	0.00
8	T	Diethyl Ether	0.806	0.828	-2.7	100	0.00
9		1,1,2-Trichlorotrifluoroeth	1.768	1.795	-1.5	95	0.00
10	M	1,1-Dichloroethene	1.718	1.756	-2.2	98	0.00
11		Methyl Iodide	2.002	1.637	18.2	90	0.00
12		Methyl Acetate	2.235	2.300	-2.9	98	0.00
13	M	Acrolein	0.356	0.356	0.0	100	0.00
14	M	Acrylonitrile	1.008	1.041	-3.3	98	0.00
15	M	Acetone	0.289	0.280	3.1	88	0.00
16	M	Carbon Disulfide	4.562	4.600	-0.8	97	0.00
17		Allyl chloride	2.855	2.907	-1.8	97	0.00
18	M	Methylene Chloride	1.940	1.991	-2.6	97	0.00
19	M	trans-1,2-Dichloroethene	1.858	1.882	-1.3	97	0.00
20	T	Diisopropyl ether	5.489	5.709	-4.0	98	0.00
21	M	1,1-Dichloroethane	3.211	3.314	-3.2	98	0.00
22	M	cis-1,2-Dichloroethene	2.134	2.151	-0.8	96	0.00
23	M	tert-Butyl Alcohol	0.399	0.416	-4.3	103	0.00
24	M	Methyl tert-Butyl Ether	5.702	5.940	-4.2	99	0.00
25	M	Chloroform	3.422	3.536	-3.3	98	0.00
26		Cyclohexane	2.891	3.013	-4.2	100	0.00
27	s	1,2-Dichloroethane-d4	2.077	2.153	-3.7	100	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
29		1,1-Dichloropropene	0.459	0.461	-0.4	97	0.00
30	M	2-Butanone	0.259	0.265	-2.3	96	0.00
31		2,2-Dichloropropane	0.461	0.441	4.3	95	0.00
32	M	1,1,1-Trichloroethane	0.557	0.568	-2.0	99	0.00
33	M	Carbon Tetrachloride	0.508	0.506	0.4	98	0.00
34	M	Benzene	1.340	1.375	-2.6	98	0.00
35		Methacrylonitrile	0.271	0.276	-1.8	96	0.00
36	M	1,2-Dichloroethane	0.488	0.504	-3.3	98	0.00
37	M	Trichloroethene	0.405	0.410	-1.2	100	0.00
38		Methylcyclohexane	0.568	0.582	-2.5	100	0.00
39	M	1,2-Dichloropropane	0.329	0.337	-2.4	99	0.00
40		Dibromomethane	0.246	0.251	-2.0	100	0.00
41	M	Bromodichloromethane	0.474	0.475	-0.2	98	0.00
42	M	Vinyl Acetate	0.868	0.894	-3.0	98	0.00
43		Ethyl Acetate	0.491	0.509	-3.7	101	0.00
44		Isopropyl Acetate	0.757	0.770	-1.7	99	0.00
45	T	1,4-Dioxane	0.009	0.009	0.0	100	0.00
46		Methyl methacrylate	0.376	0.393	-4.5	101	0.00
47		n-amyl Acetate	0.624	0.643	-3.0	103	0.00
48	M	t-1,3-Dichloropropene	0.490	0.469	4.3	98	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.538	0.537	0.2	98	0.00
50	M	1,1,2-Trichloroethane	0.350	0.364	-4.0	102	0.00
51		Ethyl methacrylate	0.542	0.550	-1.5	101	0.00
52		1,3-Dichloropropane	0.584	0.613	-5.0	102	0.00
53	M	Dibromochloromethane	0.382	0.373	2.4	98	0.00
54	M	1,2-Dibromoethane	0.379	0.389	-2.6	102	0.00
55	M	2-Chloroethyl vinyl ether	0.263	0.268	-1.9	100	0.00
56	M	Bromoform	0.279	0.263	5.7	100	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
58	M	4-Methyl-2-Pentanone	0.543	0.569	-4.8	102	0.00
59	M	2-Hexanone	0.415	0.424	-2.2	100	0.00
60	S	4-Bromofluorobenzene	0.486	0.472	2.9	99	0.00
61	M	Tetrachloroethene	0.438	0.450	-2.7	100	0.00
62	M	Toluene	1.634	1.690	-3.4	102	0.00
63	S	Toluene-d8	1.311	1.269	3.2	90	0.00
64	M	Chlorobenzene	1.047	1.043	0.4	99	0.00
65		1,1,1,2-Tetrachloroethane	0.397	0.384	3.3	99	0.00
66	M	Ethyl Benzene	1.842	1.816	1.4	98	0.00
67	M	m/p-Xylenes	0.721	0.724	-0.4	99	0.00
68	M	o-Xylene	0.705	0.714	-1.3	100	0.00
69	M	Styrene	1.172	1.160	1.0	98	0.00
70		Isopropylbenzene	1.855	1.864	-0.5	99	0.00
71	M	1,1,2,2-Tetrachloroethane	0.542	0.556	-2.6	102	0.00
72		1,2,3-Trichloropropane	0.526	0.530	-0.8	99	0.00
73		Bromobenzene	0.461	0.455	1.3	98	0.00
74		n-propylbenzene	2.114	2.081	1.6	99	0.00
75		2-Chlorotoluene	1.280	1.272	0.6	99	0.00
76		1,3,5-Trimethylbenzene	1.558	1.540	1.2	97	0.00
77		t-1,4-Dichloro-2-butene	0.156	0.143	8.3	101	0.00
78		4-Chlorotoluene	1.457	1.436	1.4	98	0.00
79		tert-butylbenzene	1.515	1.546	-2.0	101	0.00
80		1,2,4-Trimethylbenzene	1.552	1.543	0.6	99	0.00
81		sec-Butylbenzene	1.927	1.891	1.9	99	0.00
82		p-Isopropyltoluene	1.649	1.607	2.5	96	0.00
83	M	1,3-Dichlorobenzene	0.864	0.852	1.4	100	0.00
84	M	1,4-Dichlorobenzene	0.862	0.852	1.2	101	0.00
85		n-Butylbenzene	1.345	1.287	4.3	99	0.00
86	T	Hexachloroethane	0.256	0.238	7.0	99	0.00
87	M	1,2-Dichlorobenzene	0.835	0.841	-0.7	100	0.00
88		1,2-Dibromo-3-Chloropropane	0.128	0.126	1.6	103	0.00
89		1,2,4-Trichlorobenzene	0.549	0.517	5.8	98	0.00
90		Hexachlorobutadiene	0.230	0.219	4.8	98	0.00
91	M	Naphthalene	1.828	1.814	0.8	101	0.00
92		1,2,3-Trichlorobenzene	0.550	0.527	4.2	100	0.00

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