Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090121\
Data File : VX024055.D
Acq On : 01 Sep 2021 09:39
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Sep 02 07:05:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Aug 03 12:05:42 2021
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	83	0.00
2	M	Dichlorodifluoromethane	1.772	1.565	11.7	76	0.00
3	M	Chloromethane	1.999	1.666	16.7	71	0.00
4	M	Vinyl Chloride	2.000	1.598	20.1	70	0.00
5	M	Bromomethane	1.173	1.172	0.1	76	0.00
6	M	Chloroethane	1.252	1.027	18.0	73	0.00
7	M	Trichlorofluoromethane	3.229	2.693	16.6	73	0.00
8	T	Diethyl Ether	1.151	1.062	7.7	82	0.00
9		1,1,2-Trichlorotrifluoroeth	1.804	1.683	6.7	81	0.00
10	M	1,1-Dichloroethene	1.738	1.489	14.3	76	0.00
11		Methyl Iodide	2.442	2.130	12.8	81	0.00
12		Methyl Acetate	2.592	2.822	-8.9	95	0.00
13	M	Acrolein	0.285	0.324	-13.7	107	0.00
14	M	Acrylonitrile	1.147	1.185	-3.3	89	0.00
15	M	Acetone	0.348	0.383	-10.1	83	0.00
16	M	Carbon Disulfide	4.288	3.531	17.7	76	0.00
17		Allyl chloride	3.212	3.067	4.5	85	0.00
18	M	Methylene Chloride	2.044	1.973	3.5	85	0.00
19	M	trans-1,2-Dichloroethene	1.860	1.677	9.8	81	0.00
20	T	Diisopropyl ether	6.413	6.390	0.4	87	0.00
21	M	1,1-Dichloroethane	3.493	3.404	2.5	86	0.00
22	M	cis-1,2-Dichloroethene	2.165	2.000	7.6	82	-0.01
23	M	tert-Butyl Alcohol	0.520	0.575	-10.6	94	0.00
24	M	Methyl tert-Butyl Ether	6.097	6.330	-3.8	92	0.00
25	M	Chloroform	3.583	3.616	-0.9	90	0.00
26		Cyclohexane	3.172	2.744	13.5	76	-0.01
27	s	1,2-Dichloroethane-d4	2.320	2.556	-10.2	93	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
29		1,1-Dichloropropene	0.467	0.460	1.5	84	0.00
30	M	2-Butanone	0.313	0.367	-17.3	90	0.00
31		2,2-Dichloropropane	0.528	0.527	0.2	82	0.00
32	M	1,1,1-Trichloroethane	0.565	0.580	-2.7	85	0.00
33	M	Carbon Tetrachloride	0.492	0.506	-2.8	86	0.00
34	M	Benzene	1.409	1.417	-0.6	82	0.00
35		Methacrylonitrile	0.315	0.362	-14.9	97	0.00
36	M	1,2-Dichloroethane	0.538	0.647	-20.3	99	0.00
37	M	Trichloroethene	0.383	0.376	1.8	82	0.00
38		Methylcyclohexane	0.594	0.547	7.9	78	0.00
39	M	1,2-Dichloropropane	0.369	0.389	-5.4	87	0.00
40		Dibromomethane	0.261	0.289	-10.7	91	0.00
41	M	Bromodichloromethane	0.475	0.519	-9.3	93	0.00
42	M	Vinyl Acetate	1.020	1.126	-10.4	90	0.00
43		Ethyl Acetate	0.581	0.641	-10.3	89	0.00
44		Isopropyl Acetate	0.925	1.024	-10.7	92	0.00
45	T	1,4-Dioxane	0.010	0.011	-10.0	85	0.00
46		Methyl methacrylate	0.446	0.493	-10.5	92	0.00
47		n-amyl Acetate	0.787	0.857	-8.9	92	0.00
48	M	t-1,3-Dichloropropene	0.554	0.575	-3.8	90	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.588	0.617	-4.9	88	0.00
50	M	1,1,2-Trichloroethane	0.378	0.407	-7.7	90	0.00
51		Ethyl methacrylate	0.595	0.634	-6.6	92	0.00
52		1,3-Dichloropropane	0.620	0.683	-10.2	91	0.00
53	M	Dibromochloromethane	0.380	0.388	-2.1	90	0.00
54	M	1,2-Dibromoethane	0.400	0.433	-8.2	90	0.00
55	M	2-Chloroethyl vinyl ether	0.297	0.290	2.4	81	0.00
56	M	Bromoform	0.272	0.275	-1.1	89	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
58	M	4-Methyl-2-Pentanone	0.647	0.734	-13.4	92	0.00
59	M	2-Hexanone	0.502	0.575	-14.5	91	0.00
60	S	4-Bromofluorobenzene	0.491	0.505	-2.9	87	0.00
61	M	Tetrachloroethene	0.403	0.411	-2.0	84	0.00
62	M	Toluene	1.692	1.686	0.4	84	0.00
63	S	Toluene-d8	1.350	1.339	0.8	80	0.00
64	M	Chlorobenzene	1.071	1.063	0.7	84	0.00
65		1,1,1,2-Tetrachloroethane	0.396	0.407	-2.8	89	0.00
66	M	Ethyl Benzene	1.873	1.830	2.3	84	0.00
67	M	m/p-Xylenes	0.724	0.721	0.4	85	0.00
68	M	o-Xylene	0.714	0.719	-0.7	86	0.00
69	M	Styrene	1.177	1.183	-0.5	87	0.00
70		Isopropylbenzene	1.878	1.855	1.2	86	0.00
71	M	1,1,2,2-Tetrachloroethane	0.601	0.666	-10.8	92	0.00
72		1,2,3-Trichloropropane	0.565	0.637	-12.7	91	0.00
73		Bromobenzene	0.457	0.478	-4.6	90	0.00
74		n-propylbenzene	2.174	2.174	0.0	87	0.00
75		2-Chlorotoluene	1.298	1.348	-3.9	90	0.00
76		1,3,5-Trimethylbenzene	1.557	1.616	-3.8	89	0.00
77		t-1,4-Dichloro-2-butene	0.202	0.199	1.5	87	0.00
78		4-Chlorotoluene	1.466	1.525	-4.0	91	0.00
79		tert-butylbenzene	1.513	1.518	-0.3	87	0.00
80		1,2,4-Trimethylbenzene	1.543	1.588	-2.9	87	0.00
81		sec-Butylbenzene	1.937	1.928	0.5	87	0.00
82		p-Isopropyltoluene	1.592	1.639	-3.0	90	0.00
83	M	1,3-Dichlorobenzene	0.828	0.868	-4.8	91	0.00
84	M	1,4-Dichlorobenzene	0.818	0.863	-5.5	93	0.00
85		n-Butylbenzene	1.408	1.405	0.2	89	0.00
86	T	Hexachloroethane	0.259	0.244	5.8	88	0.00
87	M	1,2-Dichlorobenzene	0.799	0.862	-7.9	92	0.00
88		1,2-Dibromo-3-Chloropropane	0.132	0.155	-17.4	111	0.00
89		1,2,4-Trichlorobenzene	0.494	0.523	-5.9	96	0.00
90		Hexachlorobutadiene	0.222	0.240	-8.1	94	0.00
91	M	Naphthalene	1.697	1.785	-5.2	94	0.00
92		1,2,3-Trichlorobenzene	0.497	0.529	-6.4	96	0.00

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