Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090121\
Data File : VX024066.D
Acq On : 01 Sep 2021 15:42
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Sep 02 07:10:23 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	78	0.00
2	M	Dichlorodifluoromethane	1.772	1.933	-9.1	89	0.00
3	M	Chloromethane	1.999	1.961	1.9	79	0.00
4	M	Vinyl Chloride	2.000	1.958	2.1	81	0.00
5	M	Bromomethane	1.173	1.379	-17.6	84	0.00
6	M	Chloroethane	1.252	1.226	2.1	82	0.00
7	M	Trichlorofluoromethane	3.229	3.279	-1.5	84	0.00
8	T	Diethyl Ether	1.151	1.079	6.3	79	0.00
9		1,1,2-Trichlorotrifluoroeth	1.804	1.989	-10.3	91	0.00
10	M	1,1-Dichloroethene	1.738	1.800	-3.6	87	0.00
11		Methyl Iodide	2.442	2.336	4.3	85	0.00
12		Methyl Acetate	2.592	2.805	-8.2	89	0.00
13	M	Acrolein	0.285	0.275	3.5	86	0.00
14	M	Acrylonitrile	1.147	1.195	-4.2	85	0.00
15	M	Acetone	0.348	0.313	10.1	64	0.00
16	M	Carbon Disulfide	4.288	4.307	-0.4	87	0.00
17		Allyl chloride	3.212	3.345	-4.1	88	0.00
18	M	Methylene Chloride	2.044	2.200	-7.6	90	0.00
19	M	trans-1,2-Dichloroethene	1.860	1.930	-3.8	88	0.00
20	T	Diisopropyl ether	6.413	6.953	-8.4	90	0.00
21	M	1,1-Dichloroethane	3.493	3.848	-10.2	92	0.00
22	M	cis-1,2-Dichloroethene	2.165	2.325	-7.4	90	0.00
23	M	tert-Butyl Alcohol	0.520	0.517	0.6	80	0.00
24	M	Methyl tert-Butyl Ether	6.097	6.676	-9.5	91	0.00
25	M	Chloroform	3.583	4.045	-12.9	95	0.00
26		Cyclohexane	3.172	3.325	-4.8	87	0.00
27	s	1,2-Dichloroethane-d4	2.320	2.529	-9.0	87	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
29		1,1-Dichloropropene	0.467	0.532	-13.9	96	0.00
30	M	2-Butanone	0.313	0.324	-3.5	79	0.00
31		2,2-Dichloropropane	0.528	0.564	-6.8	87	0.00
32	M	1,1,1-Trichloroethane	0.565	0.657	-16.3	96	0.00
33	M	Carbon Tetrachloride	0.492	0.586	-19.1	99	0.00
34	M	Benzene	1.409	1.520	-7.9	87	0.00
35		Methacrylonitrile	0.315	0.351	-11.4	93	0.00
36	M	1,2-Dichloroethane	0.538	0.643	-19.5	97	0.00
37	M	Trichloroethene	0.383	0.419	-9.4	91	0.00
38		Methylcyclohexane	0.594	0.633	-6.6	90	0.00
39	M	1,2-Dichloropropane	0.369	0.394	-6.8	87	0.00
40		Dibromomethane	0.261	0.295	-13.0	92	0.00
41	M	Bromodichloromethane	0.475	0.538	-13.3	96	0.00
42	M	Vinyl Acetate	1.020	1.129	-10.7	90	0.00
43		Ethyl Acetate	0.581	0.604	-4.0	83	0.00
44		Isopropyl Acetate	0.925	1.009	-9.1	91	0.00
45	T	1,4-Dioxane	0.010	0.009	10.0	74	0.00
46		Methyl methacrylate	0.446	0.491	-10.1	91	0.00
47		n-amyl Acetate	0.787	0.876	-11.3	93	0.00
48	M	t-1,3-Dichloropropene	0.554	0.597	-7.8	92	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.588	0.626	-6.5	89	0.00
50	M	1,1,2-Trichloroethane	0.378	0.411	-8.7	90	0.00
51		Ethyl methacrylate	0.595	0.624	-4.9	90	0.00
52		1,3-Dichloropropane	0.620	0.701	-13.1	93	0.00
53	M	Dibromochloromethane	0.380	0.406	-6.8	93	0.00
54	M	1,2-Dibromoethane	0.400	0.437	-9.2	91	0.00
55	M	2-Chloroethyl vinyl ether	0.297	0.300	-1.0	84	0.00
56	M	Bromoform	0.272	0.284	-4.4	91	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
58	M	4-Methyl-2-Pentanone	0.647	0.703	-8.7	88	0.00
59	M	2-Hexanone	0.502	0.545	-8.6	86	0.00
60	S	4-Bromofluorobenzene	0.491	0.506	-3.1	87	0.00
61	M	Tetrachloroethene	0.403	0.451	-11.9	92	0.00
62	M	Toluene	1.692	1.826	-7.9	90	0.00
63	S	Toluene-d8	1.350	1.343	0.5	80	0.00
64	M	Chlorobenzene	1.071	1.148	-7.2	91	0.00
65		1,1,1,2-Tetrachloroethane	0.396	0.436	-10.1	95	0.00
66	M	Ethyl Benzene	1.873	2.033	-8.5	93	0.00
67	M	m/p-Xylenes	0.724	0.782	-8.0	92	0.00
68	M	o-Xylene	0.714	0.748	-4.8	90	0.00
69	M	Styrene	1.177	1.261	-7.1	93	0.00
70		Isopropylbenzene	1.878	2.064	-9.9	95	0.00
71	M	1,1,2,2-Tetrachloroethane	0.601	0.691	-15.0	96	0.00
72		1,2,3-Trichloropropane	0.565	0.654	-15.8	94	0.00
73		Bromobenzene	0.457	0.503	-10.1	94	0.00
74		n-propylbenzene	2.174	2.354	-8.3	94	0.00
75		2-Chlorotoluene	1.298	1.465	-12.9	98	0.00
76		1,3,5-Trimethylbenzene	1.557	1.722	-10.6	95	0.00
77		t-1,4-Dichloro-2-butene	0.202	0.201	0.5	88	0.00
78		4-Chlorotoluene	1.466	1.627	-11.0	97	0.00
79		tert-butylbenzene	1.513	1.660	-9.7	96	0.00
80		1,2,4-Trimethylbenzene	1.543	1.708	-10.7	94	0.00
81		sec-Butylbenzene	1.937	2.141	-10.5	96	0.00
82		p-Isopropyltoluene	1.592	1.766	-10.9	97	0.00
83	M	1,3-Dichlorobenzene	0.828	0.902	-8.9	95	0.00
84	M	1,4-Dichlorobenzene	0.818	0.894	-9.3	96	0.00
85		n-Butylbenzene	1.408	1.540	-9.4	98	0.00
86	T	Hexachloroethane	0.259	0.281	-8.5	101	0.00
87	M	1,2-Dichlorobenzene	0.799	0.893	-11.8	96	0.00
88		1,2-Dibromo-3-Chloropropane	0.132	0.142	-7.6	101	0.00
89		1,2,4-Trichlorobenzene	0.494	0.522	-5.7	96	0.00
90		Hexachlorobutadiene	0.222	0.258	-16.2	102	0.00
91	M	Naphthalene	1.697	1.699	-0.1	89	0.00
92		1,2,3-Trichlorobenzene	0.497	0.527	-6.0	95	0.00

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