Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082221\
Data File : VX023898.D
Acq On : 20 Aug 2021 23:26
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Aug 21 01:11:55 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	1.748	1.4	85	0.00
3	M	Chloromethane	1.999	1.792	10.4	77	0.00
4	M	Vinyl Chloride	2.000	1.869	6.6	82	0.00
5	M	Bromomethane	1.173	1.362	-16.1	88	0.00
6	M	Chloroethane	1.252	1.189	5.0	85	0.00
7	M	Trichlorofluoromethane	3.229	3.124	3.3	85	0.00
8	T	Diethyl Ether	1.151	1.081	6.1	83	0.00
9		1,1,2-Trichlorotrifluoroeth	1.804	1.729	4.2	84	0.00
10	M	1,1-Dichloroethene	1.738	1.642	5.5	84	0.00
11		Methyl Iodide	2.442	2.428	0.6	93	0.00
12		Methyl Acetate	2.592	2.684	-3.5	90	0.00
13	M	Acrolein	0.285	0.226	20.7	75	0.00
14	M	Acrylonitrile	1.147	1.130	1.5	85	0.00
15	M	Acetone	0.348	0.303	12.9	66	0.00
16	M	Carbon Disulfide	4.288	4.108	4.2	89	0.00
17		Allyl chloride	3.212	3.000	6.6	84	0.00
18	M	Methylene Chloride	2.044	1.972	3.5	85	0.00
19	M	trans-1,2-Dichloroethene	1.860	1.804	3.0	87	0.00
20	T	Diisopropyl ether	6.413	6.288	1.9	86	0.00
21	M	1,1-Dichloroethane	3.493	3.514	-0.6	90	0.00
22	M	cis-1,2-Dichloroethene	2.165	2.144	1.0	88	0.00
23	M	tert-Butyl Alcohol	0.520	0.488	6.2	80	0.00
24	M	Methyl tert-Butyl Ether	6.097	6.227	-2.1	90	0.00
25	M	Chloroform	3.583	3.629	-1.3	90	0.00
26		Cyclohexane	3.172	3.035	4.3	84	0.00
27	s	1,2-Dichloroethane-d4	2.320	2.368	-2.1	86	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
29		1,1-Dichloropropene	0.467	0.472	-1.1	91	0.00
30	M	2-Butanone	0.313	0.303	3.2	79	0.00
31		2,2-Dichloropropane	0.528	0.423	19.9	70	0.00
32	M	1,1,1-Trichloroethane	0.565	0.575	-1.8	90	0.00
33	M	Carbon Tetrachloride	0.492	0.490	0.4	89	0.00
34	M	Benzene	1.409	1.374	2.5	85	0.00
35		Methacrylonitrile	0.315	0.312	1.0	89	0.00
36	M	1,2-Dichloroethane	0.538	0.556	-3.3	90	0.00
37	M	Trichloroethene	0.383	0.385	-0.5	90	0.00
38		Methylcyclohexane	0.594	0.545	8.2	82	0.00
39	M	1,2-Dichloropropane	0.369	0.364	1.4	86	0.00
40		Dibromomethane	0.261	0.264	-1.1	88	0.00
41	M	Bromodichloromethane	0.475	0.475	0.0	91	0.00
42	M	Vinyl Acetate	1.020	1.019	0.1	87	0.00
43		Ethyl Acetate	0.581	0.596	-2.6	88	0.00
44		Isopropyl Acetate	0.925	0.929	-0.4	89	0.00
45	T	1,4-Dioxane	0.010	0.009	10.0	79	0.00
46		Methyl methacrylate	0.446	0.451	-1.1	90	0.00
47		n-amyl Acetate	0.787	0.782	0.6	89	0.00
48	M	t-1,3-Dichloropropene	0.554	0.520	6.1	86	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.588	0.538	8.5	82	0.00
50	M	1,1,2-Trichloroethane	0.378	0.364	3.7	86	0.00
51		Ethyl methacrylate	0.595	0.572	3.9	89	0.00
52		1,3-Dichloropropane	0.620	0.621	-0.2	88	0.00
53	M	Dibromochloromethane	0.380	0.366	3.7	90	0.00
54	M	1,2-Dibromoethane	0.400	0.395	1.3	88	0.00
55	M	2-Chloroethyl vinyl ether	0.297	0.276	7.1	82	0.00
56	M	Bromoform	0.272	0.255	6.3	87	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
58	M	4-Methyl-2-Pentanone	0.647	0.667	-3.1	86	0.00
59	M	2-Hexanone	0.502	0.529	-5.4	86	0.00
60	S	4-Bromofluorobenzene	0.491	0.499	-1.6	88	0.00
61	M	Tetrachloroethene	0.403	0.413	-2.5	87	0.00
62	M	Toluene	1.692	1.706	-0.8	87	0.00
63	S	Toluene-d8	1.350	1.359	-0.7	83	0.00
64	M	Chlorobenzene	1.071	1.070	0.1	87	0.00
65		1,1,1,2-Tetrachloroethane	0.396	0.396	0.0	89	0.00
66	M	Ethyl Benzene	1.873	1.869	0.2	88	0.00
67	M	m/p-Xylenes	0.724	0.724	0.0	87	0.00
68	M	o-Xylene	0.714	0.717	-0.4	88	0.00
69	M	Styrene	1.177	1.181	-0.3	89	0.00
70		Isopropylbenzene	1.878	1.906	-1.5	90	0.00
71	M	1,1,2,2-Tetrachloroethane	0.601	0.656	-9.2	93	0.00
72		1,2,3-Trichloropropane	0.565	0.596	-5.5	88	0.00
73		Bromobenzene	0.457	0.467	-2.2	90	0.00
74		n-propylbenzene	2.174	2.183	-0.4	90	0.00
75		2-Chlorotoluene	1.298	1.324	-2.0	91	0.00
76		1,3,5-Trimethylbenzene	1.557	1.595	-2.4	90	0.00
77		t-1,4-Dichloro-2-butene	0.202	0.174	13.9	78	0.00
78		4-Chlorotoluene	1.466	1.504	-2.6	92	0.00
79		tert-butylbenzene	1.513	1.562	-3.2	92	0.00
80		1,2,4-Trimethylbenzene	1.543	1.560	-1.1	88	0.00
81		sec-Butylbenzene	1.937	1.954	-0.9	90	0.00
82		p-Isopropyltoluene	1.592	1.605	-0.8	90	0.00
83	M	1,3-Dichlorobenzene	0.828	0.856	-3.4	92	0.00
84	M	1,4-Dichlorobenzene	0.818	0.877	-7.2	97	0.00
85		n-Butylbenzene	1.408	1.394	1.0	91	0.00
86	T	Hexachloroethane	0.259	0.245	5.4	90	0.00
87	M	1,2-Dichlorobenzene	0.799	0.858	-7.4	94	0.00
88		1,2-Dibromo-3-Chloropropane	0.132	0.146	-10.6	107	0.00
89		1,2,4-Trichlorobenzene	0.494	0.526	-6.5	99	0.00
90		Hexachlorobutadiene	0.222	0.230	-3.6	93	0.00
91	M	Naphthalene	1.697	1.797	-5.9	97	0.00
92		1,2,3-Trichlorobenzene	0.497	0.511	-2.8	94	0.00

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