Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
Data File : VX031822.D
Acq On : 30 Sep 2022 19:26
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Oct 03 01:08:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 03 00:56:55 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	97	0.00
2	M	Dichlorodifluoromethane	1.251	1.189	5.0	90	0.00
3	M	Chloromethane	1.311	1.390	-6.0	94	0.00
4	M	Vinyl Chloride	1.758	1.729	1.6	88	0.00
5	M	Bromomethane	1.609	1.570	2.4	95	0.00
6	M	Chloroethane	1.550	1.410	9.0	86	0.00
7	M	Trichlorofluoromethane	3.758	3.748	0.3	89	0.00
8	T	Diethyl Ether	1.273	1.267	0.5	87	0.00
9		1,1,2-Trichlorotrifluoroeth	1.783	1.774	0.5	91	0.00
10	M	1,1-Dichloroethene	1.647	1.598	3.0	90	0.00
11		Methyl Iodide	1.803	1.546	14.3	95	0.00
12		Methyl Acetate	1.882	1.937	-2.9	93	0.00
13	M	Acrolein	0.167	0.151	9.6	93	0.00
14	M	Acrylonitrile	0.799	0.808	-1.1	91	0.00
15	M	Acetone	0.216	0.220	-1.9	88	0.00
16	M	Carbon Disulfide	3.613	3.227	10.7	88	0.00
17		Allyl chloride	1.994	1.902	4.6	87	0.00
18	M	Methylene Chloride	1.885	1.882	0.2	91	0.00
19	M	trans-1,2-Dichloroethene	1.907	1.765	7.4	86	0.00
20	T	Diisopropyl ether	4.582	4.564	0.4	89	0.00
21	M	1,1-Dichloroethane	2.989	2.980	0.3	92	0.00
22	M	cis-1,2-Dichloroethene	2.304	2.245	2.6	92	0.00
23	M	tert-Butyl Alcohol	0.298	0.281	5.7	82	-0.01
24	M	Methyl tert-Butyl Ether	5.661	5.424	4.2	88	0.00
25	M	Chloroform	3.670	3.658	0.3	91	0.00
26		Cyclohexane	2.466	2.370	3.9	87	0.00
27	s	1,2-Dichloroethane-d4	2.258	2.353	-4.2	94	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
29		1,1-Dichloropropene	0.465	0.442	4.9	88	0.00
30	M	2-Butanone	0.189	0.192	-1.6	88	0.00
31		2,2-Dichloropropane	0.466	0.401	13.9	83	0.00
32	M	1,1,1-Trichloroethane	0.616	0.576	6.5	89	0.00
33	M	Carbon Tetrachloride	0.564	0.524	7.1	89	0.00
34	M	Benzene	1.376	1.343	2.4	90	0.00
35		Methacrylonitrile	0.198	0.197	0.5	90	0.00
36	M	1,2-Dichloroethane	0.485	0.486	-0.2	90	0.00
37	M	Trichloroethene	0.449	0.416	7.3	91	0.00
38		Methylcyclohexane	0.569	0.538	5.4	89	0.00
39	M	1,2-Dichloropropane	0.315	0.318	-1.0	94	0.00
40		Dibromomethane	0.275	0.270	1.8	89	0.00
41	M	Bromodichloromethane	0.499	0.482	3.4	92	0.00
42	M	Vinyl Acetate	0.683	0.677	0.9	89	0.00
43		Ethyl Acetate	0.380	0.401	-5.5	93	0.00
44		Isopropyl Acetate	0.605	0.591	2.3	89	0.00
45	T	1,4-Dioxane	0.009	0.009	0.0	84	0.00
46		Methyl methacrylate	0.282	0.290	-2.8	91	0.00
47		n-amyl Acetate	0.519	0.496	4.4	88	0.00
48	M	t-1,3-Dichloropropene	0.492	0.429	12.8	85	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.540	0.485	10.2	86	0.00
50	M	1,1,2-Trichloroethane	0.398	0.389	2.3	90	0.00
51		Ethyl methacrylate	0.517	0.493	4.6	88	0.00
52		1,3-Dichloropropane	0.611	0.602	1.5	89	0.00
53	M	Dibromochloromethane	0.444	0.410	7.7	92	0.00
54	M	1,2-Dibromoethane	0.441	0.425	3.6	90	0.00
55	M	2-Chloroethyl vinyl ether	0.253	0.259	-2.4	89	0.00
56	M	Bromoform	0.325	0.271	16.6	87	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
58	M	4-Methyl-2-Pentanone	0.403	0.427	-6.0	90	0.00
59	M	2-Hexanone	0.302	0.319	-5.6	90	0.00
60	S	4-Bromofluorobenzene	0.555	0.560	-0.9	92	0.00
61	M	Tetrachloroethene	0.482	0.442	8.3	87	0.00
62	M	Toluene	1.718	1.699	1.1	90	0.00
63	S	Toluene-d8	1.524	1.568	-2.9	94	0.00
64	M	Chlorobenzene	1.172	1.131	3.5	89	0.00
65		1,1,1,2-Tetrachloroethane	0.444	0.416	6.3	90	0.00
66	M	Ethyl Benzene	1.936	1.911	1.3	89	0.00
67	M	m/p-Xylenes	0.806	0.791	1.9	88	0.00
68	M	o-Xylene	0.791	0.770	2.7	88	0.00
69	M	Styrene	1.285	1.241	3.4	87	0.00
70		Isopropylbenzene	2.057	2.038	0.9	89	0.00
71	M	1,1,2,2-Tetrachloroethane	0.586	0.601	-2.6	91	0.00
72		1,2,3-Trichloropropane	0.508	0.522	-2.8	89	0.00
73		Bromobenzene	0.552	0.523	5.3	88	0.00
74		n-propylbenzene	2.261	2.236	1.1	88	0.00
75		2-Chlorotoluene	1.359	1.360	-0.1	89	0.00
76		1,3,5-Trimethylbenzene	1.734	1.728	0.3	88	0.00
77		t-1,4-Dichloro-2-butene	0.147	0.114	22.4	81	0.00
78		4-Chlorotoluene	1.550	1.555	-0.3	89	0.00
79		tert-butylbenzene	1.743	1.686	3.3	87	0.00
80		1,2,4-Trimethylbenzene	1.719	1.759	-2.3	91	0.00
81		sec-Butylbenzene	2.134	2.082	2.4	88	0.00
82		p-Isopropyltoluene	1.876	1.789	4.6	86	0.00
83	M	1,3-Dichlorobenzene	1.044	0.984	5.7	88	0.00
84	M	1,4-Dichlorobenzene	1.070	1.021	4.6	88	0.00
85		n-Butylbenzene	1.446	1.389	3.9	89	0.00
86	T	Hexachloroethane	0.294	0.258	12.2	85	0.00
87	M	1,2-Dichlorobenzene	1.041	1.004	3.6	89	0.00
88		1,2-Dibromo-3-Chloropropane	0.118	0.117	0.8	91	0.00
89		1,2,4-Trichlorobenzene	0.674	0.595	11.7	89	0.00
90		Hexachlorobutadiene	0.271	0.233	14.0	88	0.00
91	M	Naphthalene	2.156	2.057	4.6	87	0.00
92		1,2,3-Trichlorobenzene	0.667	0.616	7.6	92	0.00

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