Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062424\
Data File : VX041994.D
Acq On : 24 Jun 2024 09:10
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jun 25 05:54:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 15 04:02:59 2024
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	101	0.00
2	M	Dichlorodifluoromethane	1.942	1.962	-1.0	100	0.00
3	M	Chloromethane	2.171	2.100	3.3	96	0.00
4	M	Vinyl Chloride	2.123	1.995	6.0	98	0.00
5	M	Bromomethane	1.135	1.034	8.9	96	0.00
6	M	Chloroethane	0.907	1.108	-22.2	123	0.00
7	M	Trichlorofluoromethane	2.674	2.855	-6.8	107	0.00
8	T	Diethyl Ether	1.157	1.132	2.2	102	0.00
9		1,1,2-Trichlorotrifluoroeth	1.818	1.829	-0.6	105	0.00
10	M	1,1-Dichloroethene	1.833	1.744	4.9	99	0.00
11		Methyl Iodide	2.386	2.014	15.6	86	0.00
12		Methyl Acetate	2.338	2.441	-4.4	106	0.00
13	M	Acrolein	0.471	0.374	20.6	85	0.00
14	M	Acrylonitrile	1.109	1.104	0.5	101	0.00
15	M	Acetone	0.317	0.337	-6.3	105	0.00
16	M	Carbon Disulfide	4.018	3.711	7.6	107	0.00
17		Allyl chloride	2.784	2.830	-1.7	102	0.00
18	M	Methylene Chloride	2.103	1.966	6.5	94	0.00
19	M	trans-1,2-Dichloroethene	1.837	1.765	3.9	100	0.00
20	T	Diisopropyl ether	5.723	5.666	1.0	102	0.00
21	M	1,1-Dichloroethane	3.269	3.238	0.9	103	0.00
22	M	cis-1,2-Dichloroethene	2.223	2.113	4.9	99	0.00
23	M	tert-Butyl Alcohol	0.412	0.400	2.9	97	0.00
24	M	Methyl tert-Butyl Ether	5.671	5.478	3.4	100	0.00
25	M	Chloroform	3.322	3.347	-0.8	104	0.00
26		Cyclohexane	2.840	2.706	4.7	100	0.00
27	s	1,2-Dichloroethane-d4	2.065	2.364	-14.5	118	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
29		1,1-Dichloropropene	0.392	0.349	11.0	102	0.00
30	M	2-Butanone	0.262	0.247	5.7	100	0.00
31		2,2-Dichloropropane	0.429	0.400	6.8	107	0.00
32	M	1,1,1-Trichloroethane	0.496	0.460	7.3	105	-0.01
33	M	Carbon Tetrachloride	0.428	0.394	7.9	104	0.00
34	M	Benzene	1.304	1.172	10.1	98	0.00
35		Methacrylonitrile	0.263	0.244	7.2	103	0.00
36	M	1,2-Dichloroethane	0.406	0.381	6.2	103	0.00
37	M	Trichloroethene	0.356	0.317	11.0	101	0.00
38		Methylcyclohexane	0.519	0.460	11.4	101	0.00
39	M	1,2-Dichloropropane	0.311	0.287	7.7	102	0.00
40		Dibromomethane	0.230	0.209	9.1	102	0.00
41	M	Bromodichloromethane	0.412	0.389	5.6	108	0.00
42	M	Vinyl Acetate	0.876	0.811	7.4	102	0.00
43		Ethyl Acetate	0.491	0.436	11.2	100	0.00
44		Isopropyl Acetate	0.735	0.654	11.0	100	-0.01
45	T	1,4-Dioxane	0.009	0.008	11.1	100	0.00
46		Methyl methacrylate	0.359	0.325	9.5	100	0.00
47		n-amyl Acetate	0.659	0.569	13.7	99	0.00
48	M	t-1,3-Dichloropropene	0.424	0.376	11.3	104	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.476	0.435	8.6	104	0.00
50	M	1,1,2-Trichloroethane	0.334	0.311	6.9	102	0.00
51		Ethyl methacrylate	0.531	0.458	13.7	99	0.00
52		1,3-Dichloropropane	0.546	0.503	7.9	101	0.00
53	M	Dibromochloromethane	0.366	0.340	7.1	108	0.00
54	M	1,2-Dibromoethane	0.352	0.326	7.4	101	0.00
55	M	2-Chloroethyl vinyl ether	0.247	0.220	10.9	94	0.00
56	M	Bromoform	0.298	0.268	10.1	107	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
58	M	4-Methyl-2-Pentanone	0.538	0.504	6.3	100	0.00
59	M	2-Hexanone	0.415	0.386	7.0	100	0.00
60	S	4-Bromofluorobenzene	0.464	0.471	-1.5	112	0.00
61	M	Tetrachloroethene	0.377	0.338	10.3	97	0.00
62	M	Toluene	1.518	1.382	9.0	100	0.00
63	S	Toluene-d8	1.284	1.321	-2.9	111	0.00
64	M	Chlorobenzene	1.034	0.917	11.3	98	0.00
65		1,1,1,2-Tetrachloroethane	0.357	0.328	8.1	104	0.00
66	M	Ethyl Benzene	1.660	1.470	11.4	98	0.00
67	M	m/p-Xylenes	0.668	0.604	9.6	100	0.00
68	M	o-Xylene	0.666	0.589	11.6	97	0.00
69	M	Styrene	1.112	1.002	9.9	99	0.00
70		Isopropylbenzene	1.674	1.520	9.2	100	0.00
71	M	1,1,2,2-Tetrachloroethane	0.579	0.530	8.5	99	0.00
72		1,2,3-Trichloropropane	0.469	0.425	9.4	101	0.00
73		Bromobenzene	0.488	0.439	10.0	100	0.00
74		n-propylbenzene	1.838	1.658	9.8	101	0.00
75		2-Chlorotoluene	1.167	1.056	9.5	100	0.00
76		1,3,5-Trimethylbenzene	1.402	1.280	8.7	100	0.00
77		t-1,4-Dichloro-2-butene	0.174	0.150	13.8	107	0.00
78		4-Chlorotoluene	1.297	1.174	9.5	101	0.00
79		tert-butylbenzene	1.488	1.336	10.2	100	0.00
80		1,2,4-Trimethylbenzene	1.401	1.279	8.7	101	0.00
81		sec-Butylbenzene	1.736	1.592	8.3	102	0.00
82		p-Isopropyltoluene	1.521	1.380	9.3	102	0.00
83	M	1,3-Dichlorobenzene	0.870	0.777	10.7	100	0.00
84	M	1,4-Dichlorobenzene	0.866	0.766	11.5	101	0.00
85		n-Butylbenzene	1.176	1.062	9.7	107	0.00
86	T	Hexachloroethane	0.248	0.230	7.3	110	0.00
87	M	1,2-Dichlorobenzene	0.880	0.780	11.4	99	0.00
88		1,2-Dibromo-3-Chloropropane	0.120	0.106	11.7	104	0.00
89		1,2,4-Trichlorobenzene	0.596	0.501	15.9	102	0.00
90		Hexachlorobutadiene	0.294	0.261	11.2	102	0.00
91	M	Naphthalene	1.800	1.494	17.0	96	0.00
92		1,2,3-Trichlorobenzene	0.617	0.528	14.4	101	0.00

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