Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080624\
Data File : VX042875.D
Acq On : 06 Aug 2024 16:43
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Aug 07 05:01:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 07 04:53:59 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	87	0.00
2	M	Dichlorodifluoromethane	1.764	1.476	16.3	74	0.00
3	M	Chloromethane	1.619	1.392	14.0	84	0.00
4	M	Vinyl Chloride	1.729	1.441	16.7	78	0.00
5	M	Bromomethane	1.054	0.806	23.5	70	0.00
6	M	Chloroethane	1.028	0.871	15.3	76	-0.02
7	M	Trichlorofluoromethane	2.757	2.147	22.1	64	-0.01
8	T	Diethyl Ether	1.083	0.949	12.4	79	0.00
9		1,1,2-Trichlorotrifluoroeth	1.879	1.590	15.4	76	-0.01
10	M	1,1-Dichloroethene	1.795	1.430	20.3	73	-0.01
11		Methyl Iodide	1.652	1.399	15.3	88	-0.01
12		Methyl Acetate	3.924	4.145	-5.6	84	0.00
13	M	Acrolein	0.113	0.093	17.7	104	0.00
14	M	Acrylonitrile	1.193	1.100	7.8	83	0.00
15	M	Acetone	0.387	0.278	28.2#	66	0.01
16	M	Carbon Disulfide	3.736	2.759	26.2#	68	-0.01
17		Allyl chloride	2.905	2.470	15.0	71	0.00
18	M	Methylene Chloride	2.082	1.815	12.8	81	-0.01
19	M	trans-1,2-Dichloroethene	1.828	1.526	16.5	74	0.00
20	T	Diisopropyl ether	6.346	5.643	11.1	78	0.00
21	M	1,1-Dichloroethane	3.609	3.203	11.2	78	0.00
22	M	cis-1,2-Dichloroethene	2.294	1.976	13.9	79	0.00
23	M	tert-Butyl Alcohol	0.550	0.436	20.7	73	0.02
24	M	Methyl tert-Butyl Ether	6.498	5.762	11.3	81	0.00
25	M	Chloroform	3.905	3.379	13.5	78	0.00
26		Cyclohexane	2.847	2.276	20.1	75	0.00
27	s	1,2-Dichloroethane-d4	2.770	2.545	8.1	81	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
29		1,1-Dichloropropene	0.387	0.342	11.6	72	0.00
30	M	2-Butanone	0.285	0.272	4.6	77	0.01
31		2,2-Dichloropropane	0.452	0.348	23.0	62	0.00
32	M	1,1,1-Trichloroethane	0.535	0.505	5.6	77	0.00
33	M	Carbon Tetrachloride	0.458	0.420	8.3	74	0.00
34	M	Benzene	1.238	1.199	3.2	79	0.00
35		Methacrylonitrile	0.269	0.267	0.7	79	0.01
36	M	1,2-Dichloroethane	0.457	0.440	3.7	77	0.00
37	M	Trichloroethene	0.313	0.278	11.2	72	0.00
38		Methylcyclohexane	0.479	0.395	17.5	69	0.00
39	M	1,2-Dichloropropane	0.316	0.300	5.1	77	0.00
40		Dibromomethane	0.238	0.222	6.7	75	0.00
41	M	Bromodichloromethane	0.472	0.432	8.5	74	0.00
42	M	Vinyl Acetate	0.833	0.778	6.6	77	0.00
43		Ethyl Acetate	0.478	1.875	-292.3#	321#	-0.15
44		Isopropyl Acetate	0.769	0.742	3.5	77	0.00
45	T	1,4-Dioxane	0.008	0.008	0.0	76	0.00
46		Methyl methacrylate	0.382	0.353	7.6	74	0.00
47		n-amyl Acetate	0.658	0.590	10.3	76	0.00
48	M	t-1,3-Dichloropropene	0.453	0.380	16.1	67	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.490	0.436	11.0	71	0.00
50	M	1,1,2-Trichloroethane	0.325	0.324	0.3	79	0.00
51		Ethyl methacrylate	0.532	0.490	7.9	76	0.00
52		1,3-Dichloropropane	0.533	0.505	5.3	75	0.00
53	M	Dibromochloromethane	0.378	0.333	11.9	72	0.00
54	M	1,2-Dibromoethane	0.338	0.326	3.6	77	0.00
55	M	2-Chloroethyl vinyl ether	0.246	0.252	-2.4	83	0.00
56	M	Bromoform	0.271	0.228	15.9	69	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
58	M	4-Methyl-2-Pentanone	0.565	0.567	-0.4	80	0.00
59	M	2-Hexanone	0.447	0.435	2.7	79	0.00
60	S	4-Bromofluorobenzene	0.489	0.469	4.1	78	0.00
61	M	Tetrachloroethene	0.298	0.278	6.7	76	0.00
62	M	Toluene	1.469	1.385	5.7	77	0.00
63	S	Toluene-d8	1.355	1.399	-3.2	82	0.00
64	M	Chlorobenzene	0.940	0.874	7.0	76	0.00
65		1,1,1,2-Tetrachloroethane	0.341	0.308	9.7	74	0.00
66	M	Ethyl Benzene	1.633	1.471	9.9	74	0.00
67	M	m/p-Xylenes	0.617	0.556	9.9	74	0.00
68	M	o-Xylene	0.609	0.556	8.7	74	0.00
69	M	Styrene	1.048	0.943	10.0	74	0.00
70		Isopropylbenzene	1.602	1.457	9.1	74	0.00
71	M	1,1,2,2-Tetrachloroethane	0.578	0.551	4.7	78	0.00
72		1,2,3-Trichloropropane	0.472	0.448	5.1	80	0.00
73		Bromobenzene	0.407	0.361	11.3	74	0.00
74		n-propylbenzene	1.874	1.622	13.4	71	0.00
75		2-Chlorotoluene	1.144	1.030	10.0	75	0.00
76		1,3,5-Trimethylbenzene	1.358	1.229	9.5	75	0.00
77		t-1,4-Dichloro-2-butene	0.168	0.123	26.8#	64	0.00
78		4-Chlorotoluene	1.312	1.130	13.9	72	0.00
79		tert-butylbenzene	1.393	1.245	10.6	75	0.00
80		1,2,4-Trimethylbenzene	1.340	1.201	10.4	75	0.00
81		sec-Butylbenzene	1.708	1.492	12.6	72	0.00
82		p-Isopropyltoluene	1.430	1.207	15.6	70	0.00
83	M	1,3-Dichlorobenzene	0.749	0.644	14.0	72	0.00
84	M	1,4-Dichlorobenzene	0.753	0.638	15.3	70	0.00
85		n-Butylbenzene	1.289	0.984	23.7	63	0.00
86	T	Hexachloroethane	0.258	0.210	18.6	70	0.00
87	M	1,2-Dichlorobenzene	0.746	0.656	12.1	74	0.00
88		1,2-Dibromo-3-Chloropropane	0.131	0.119	9.2	79	0.00
89		1,2,4-Trichlorobenzene	0.486	0.373	23.3	65	0.00
90		Hexachlorobutadiene	0.210	0.172	18.1	70	0.00
91	M	Naphthalene	1.635	1.401	14.3	73	0.00
92		1,2,3-Trichlorobenzene	0.490	0.399	18.6	68	0.00

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