Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080624\
Data File : VX042865.D
Acq On : 06 Aug 2024 12:35
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX080624

Quant Time: Aug 07 04:56:58 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	83	0.00
2	M	Dichlorodifluoromethane	1.764	1.784	-1.1	84	0.00
3	M	Chloromethane	1.619	1.685	-4.1	96	0.00
4	M	Vinyl Chloride	1.729	1.741	-0.7	89	0.00
5	M	Bromomethane	1.054	0.979	7.1	80	0.00
6	M	Chloroethane	1.028	1.033	-0.5	85	-0.02
7	M	Trichlorofluoromethane	2.757	2.951	-7.0	83	-0.01
8	T	Diethyl Ether	1.083	1.099	-1.5	86	0.00
9		1,1,2-Trichlorotrifluoroeth	1.879	1.948	-3.7	88	-0.01
10	M	1,1-Dichloroethene	1.795	1.746	2.7	84	0.00
11		Methyl Iodide	1.652	1.637	0.9	97	-0.01
12		Methyl Acetate	3.924	4.442	-13.2	85	0.00
13	M	Acrolein	0.113	0.091	19.5	96	0.00
14	M	Acrylonitrile	1.193	1.225	-2.7	88	0.00
15	M	Acetone	0.387	0.373	3.6	84	0.00
16	M	Carbon Disulfide	3.736	3.392	9.2	79	-0.01
17		Allyl chloride	2.905	3.100	-6.7	85	0.00
18	M	Methylene Chloride	2.082	2.190	-5.2	92	0.00
19	M	trans-1,2-Dichloroethene	1.828	1.836	-0.4	84	0.00
20	T	Diisopropyl ether	6.346	6.742	-6.2	88	0.00
21	M	1,1-Dichloroethane	3.609	3.699	-2.5	85	0.00
22	M	cis-1,2-Dichloroethene	2.294	2.359	-2.8	89	0.00
23	M	tert-Butyl Alcohol	0.550	0.518	5.8	82	0.02
24	M	Methyl tert-Butyl Ether	6.498	6.749	-3.9	89	0.00
25	M	Chloroform	3.905	3.974	-1.8	87	0.00
26		Cyclohexane	2.847	2.761	3.0	85	0.00
27	s	1,2-Dichloroethane-d4	2.770	2.710	2.2	82	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
29		1,1-Dichloropropene	0.387	0.390	-0.8	84	0.00
30	M	2-Butanone	0.285	0.290	-1.8	84	0.00
31		2,2-Dichloropropane	0.452	0.492	-8.8	90	0.00
32	M	1,1,1-Trichloroethane	0.535	0.553	-3.4	87	0.00
33	M	Carbon Tetrachloride	0.458	0.465	-1.5	85	-0.01
34	M	Benzene	1.238	1.291	-4.3	88	0.00
35		Methacrylonitrile	0.269	0.289	-7.4	88	0.00
36	M	1,2-Dichloroethane	0.457	0.470	-2.8	85	0.00
37	M	Trichloroethene	0.313	0.311	0.6	83	0.00
38		Methylcyclohexane	0.479	0.482	-0.6	86	0.00
39	M	1,2-Dichloropropane	0.316	0.319	-0.9	84	0.00
40		Dibromomethane	0.238	0.244	-2.5	84	0.00
41	M	Bromodichloromethane	0.472	0.473	-0.2	83	0.00
42	M	Vinyl Acetate	0.833	0.857	-2.9	87	0.00
43		Ethyl Acetate	0.478	0.506	-5.9	89	0.00
44		Isopropyl Acetate	0.769	0.785	-2.1	84	0.00
45	T	1,4-Dioxane	0.008	0.009	-12.5	87	0.00
46		Methyl methacrylate	0.382	0.377	1.3	81	0.00
47		n-amyl Acetate	0.658	0.665	-1.1	88	0.00
48	M	t-1,3-Dichloropropene	0.453	0.446	1.5	81	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.490	0.500	-2.0	84	0.00
50	M	1,1,2-Trichloroethane	0.325	0.347	-6.8	87	0.00
51		Ethyl methacrylate	0.532	0.537	-0.9	85	0.00
52		1,3-Dichloropropane	0.533	0.558	-4.7	85	0.00
53	M	Dibromochloromethane	0.378	0.375	0.8	83	0.00
54	M	1,2-Dibromoethane	0.338	0.353	-4.4	86	0.00
55	M	2-Chloroethyl vinyl ether	0.246	0.272	-10.6	92	0.00
56	M	Bromoform	0.271	0.258	4.8	81	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
58	M	4-Methyl-2-Pentanone	0.565	0.597	-5.7	85	0.00
59	M	2-Hexanone	0.447	0.465	-4.0	86	0.00
60	S	4-Bromofluorobenzene	0.489	0.479	2.0	81	0.00
61	M	Tetrachloroethene	0.298	0.312	-4.7	87	0.00
62	M	Toluene	1.469	1.519	-3.4	86	0.00
63	S	Toluene-d8	1.355	1.350	0.4	81	0.00
64	M	Chlorobenzene	0.940	0.987	-5.0	87	0.00
65		1,1,1,2-Tetrachloroethane	0.341	0.348	-2.1	85	0.00
66	M	Ethyl Benzene	1.633	1.675	-2.6	85	0.00
67	M	m/p-Xylenes	0.617	0.640	-3.7	86	0.00
68	M	o-Xylene	0.609	0.624	-2.5	85	0.00
69	M	Styrene	1.048	1.063	-1.4	85	0.00
70		Isopropylbenzene	1.602	1.692	-5.6	87	0.00
71	M	1,1,2,2-Tetrachloroethane	0.578	0.615	-6.4	88	0.00
72		1,2,3-Trichloropropane	0.472	0.493	-4.4	90	0.00
73		Bromobenzene	0.407	0.413	-1.5	87	0.00
74		n-propylbenzene	1.874	1.914	-2.1	85	0.00
75		2-Chlorotoluene	1.144	1.215	-6.2	90	0.00
76		1,3,5-Trimethylbenzene	1.358	1.395	-2.7	87	0.00
77		t-1,4-Dichloro-2-butene	0.168	0.154	8.3	81	0.00
78		4-Chlorotoluene	1.312	1.361	-3.7	89	0.00
79		tert-butylbenzene	1.393	1.455	-4.5	89	0.00
80		1,2,4-Trimethylbenzene	1.340	1.447	-8.0	92	0.00
81		sec-Butylbenzene	1.708	1.781	-4.3	88	0.00
82		p-Isopropyltoluene	1.430	1.463	-2.3	86	0.00
83	M	1,3-Dichlorobenzene	0.749	0.786	-4.9	89	0.00
84	M	1,4-Dichlorobenzene	0.753	0.754	-0.1	85	0.00
85		n-Butylbenzene	1.289	1.233	4.3	81	0.00
86	T	Hexachloroethane	0.258	0.245	5.0	83	0.00
87	M	1,2-Dichlorobenzene	0.746	0.780	-4.6	90	0.00
88		1,2-Dibromo-3-Chloropropane	0.131	0.127	3.1	86	0.00
89		1,2,4-Trichlorobenzene	0.486	0.471	3.1	84	0.00
90		Hexachlorobutadiene	0.210	0.209	0.5	86	0.00
91	M	Naphthalene	1.635	1.652	-1.0	88	0.00
92		1,2,3-Trichlorobenzene	0.490	0.495	-1.0	86	0.00

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