Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010723\
Data File : VX033653.D
Acq On : 07 Jan 2023 01:22
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010723

Quant Time: Jan 07 06:26:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jan 07 06:16:21 2023
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	108	0.00
2	M	Dichlorodifluoromethane	3.137	2.951	5.9	97	0.00
3	M	Chloromethane	3.363	3.309	1.6	100	0.00
4	M	Vinyl Chloride	3.038	3.246	-6.8	119	0.00
5	M	Bromomethane	1.683	1.606	4.6	101	0.00
6	M	Chloroethane	1.779	1.546	13.1	95	0.00
7	M	Trichlorofluoromethane	4.688	4.580	2.3	101	0.00
8	T	Diethyl Ether	1.526	1.362	10.7	104	0.00
9		1,1,2-Trichlorotrifluoroeth	2.431	2.776	-14.2	133	0.00
10	M	1,1-Dichloroethene	2.292	2.761	-20.5	141	0.00
11		Methyl Iodide	3.940	4.390	-11.4	134	0.00
12		Methyl Acetate	4.798	4.678	2.5	106	0.00
13	M	Acrolein	0.517	0.536	-3.7	128	0.00
14	M	Acrylonitrile	1.582	1.528	3.4	101	0.00
15	M	Acetone	0.358	0.415	-15.9	139	0.00
16	M	Carbon Disulfide	6.669	7.337	-10.0	133	0.00
17		Allyl chloride	4.875	4.984	-2.2	109	0.00
18	M	Methylene Chloride	3.210	3.209	0.0	109	0.00
19	M	trans-1,2-Dichloroethene	3.079	2.978	3.3	102	0.00
20	T	Diisopropyl ether	10.523	10.138	3.7	99	0.00
21	M	1,1-Dichloroethane	5.771	5.434	5.8	100	0.00
22	M	cis-1,2-Dichloroethene	3.662	3.444	6.0	100	0.00
23	M	tert-Butyl Alcohol	0.625	0.593	5.1	99	0.00
24	M	Methyl tert-Butyl Ether	9.786	9.451	3.4	100	0.00
25	M	Chloroform	5.857	5.546	5.3	98	0.00
26		Cyclohexane	5.356	5.023	6.2	99	0.00
27	s	1,2-Dichloroethane-d4	2.429	2.443	-0.6	101	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
29		1,1-Dichloropropene	0.648	0.615	5.1	99	0.00
30	M	2-Butanone	0.339	0.314	7.4	96	0.00
31		2,2-Dichloropropane	0.558	0.514	7.9	99	0.00
32	M	1,1,1-Trichloroethane	0.757	0.705	6.9	99	0.00
33	M	Carbon Tetrachloride	0.683	0.633	7.3	99	0.00
34	M	Benzene	1.884	1.793	4.8	102	0.00
35		Methacrylonitrile	0.386	0.358	7.3	97	0.00
36	M	1,2-Dichloroethane	0.685	0.643	6.1	96	0.00
37	M	Trichloroethene	0.543	0.514	5.3	101	0.00
38		Methylcyclohexane	0.806	0.754	6.5	99	0.00
39	M	1,2-Dichloropropane	0.481	0.448	6.9	97	0.00
40		Dibromomethane	0.338	0.323	4.4	100	0.00
41	M	Bromodichloromethane	0.656	0.616	6.1	99	0.00
42	M	Vinyl Acetate	1.210	1.158	4.3	99	0.00
43		Ethyl Acetate	0.694	0.669	3.6	96	0.00
44		Isopropyl Acetate	1.089	0.999	8.3	99	0.00
45	T	1,4-Dioxane	0.012	0.011	8.3	93	0.00
46		Methyl methacrylate	0.551	0.503	8.7	95	0.00
47		n-amyl Acetate	0.927	0.872	5.9	99	0.00
48	M	t-1,3-Dichloropropene	0.671	0.613	8.6	100	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.745	0.690	7.4	102	0.00
50	M	1,1,2-Trichloroethane	0.491	0.461	6.1	100	0.00
51		Ethyl methacrylate	0.732	0.694	5.2	101	0.00
52		1,3-Dichloropropane	0.823	0.772	6.2	98	0.00
53	M	Dibromochloromethane	0.535	0.498	6.9	103	0.00
54	M	1,2-Dibromoethane	0.525	0.499	5.0	101	0.00
55	M	2-Chloroethyl vinyl ether	0.354	0.330	6.8	99	0.00
56	M	Bromoform	0.411	0.360	12.4	96	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	0.596	0.571	4.2	96	0.00
59	M	2-Hexanone	0.439	0.417	5.0	96	0.00
60	S	4-Bromofluorobenzene	0.541	0.538	0.6	102	0.00
61	M	Tetrachloroethene	0.433	0.407	6.0	100	0.00
62	M	Toluene	1.888	1.797	4.8	98	0.00
63	S	Toluene-d8	0.960	0.968	-0.8	103	0.00
64	M	Chlorobenzene	1.216	1.163	4.4	100	0.00
65		1,1,1,2-Tetrachloroethane	0.458	0.426	7.0	97	0.00
66	M	Ethyl Benzene	2.106	1.994	5.3	98	0.00
67	M	m/p-Xylenes	0.831	0.799	3.9	98	0.00
68	M	o-Xylene	0.817	0.776	5.0	98	0.00
69	M	Styrene	1.352	1.295	4.2	99	0.00
70		Isopropylbenzene	2.116	2.033	3.9	98	0.00
71	M	1,1,2,2-Tetrachloroethane	0.637	0.603	5.3	96	0.00
72		1,2,3-Trichloropropane	0.577	0.546	5.4	96	0.00
73		Bromobenzene	0.560	0.536	4.3	100	0.00
74		n-propylbenzene	2.402	2.272	5.4	98	0.00
75		2-Chlorotoluene	1.437	1.378	4.1	99	0.00
76		1,3,5-Trimethylbenzene	1.757	1.682	4.3	98	0.00
77		t-1,4-Dichloro-2-butene	0.173	0.152	12.1	100	0.00
78		4-Chlorotoluene	1.611	1.540	4.4	98	0.00
79		tert-butylbenzene	1.802	1.732	3.9	99	0.00
80		1,2,4-Trimethylbenzene	1.735	1.664	4.1	98	0.00
81		sec-Butylbenzene	2.180	2.062	5.4	98	0.00
82		p-Isopropyltoluene	1.880	1.785	5.1	98	0.00
83	M	1,3-Dichlorobenzene	1.022	0.962	5.9	99	0.00
84	M	1,4-Dichlorobenzene	1.019	0.946	7.2	98	0.00
85		n-Butylbenzene	1.529	1.279	16.4	89	0.00
86	T	Hexachloroethane	0.306	0.220	28.1#	80	0.00
87	M	1,2-Dichlorobenzene	0.985	0.810	17.8	87	0.00
88		1,2-Dibromo-3-Chloropropane	0.132	0.101	23.5	81	0.00
89		1,2,4-Trichlorobenzene	0.677	0.475	29.8#	74	0.00
90		Hexachlorobutadiene	0.325	0.230	29.2#	76	0.00
91	M	Naphthalene	1.989	1.498	24.7	78	0.00
92		1,2,3-Trichlorobenzene	0.679	0.491	27.7#	77	0.00

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