Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
Data File : VX047188.D
Acq On : 30 Jul 2025 16:32
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 31 03:18:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
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	Pentafluorobenzene	1.000	1.000	0.0	87	0.00
2	T	Dichlorodifluoromethane	0.664	0.688	-3.6	78	0.00
3	P	Chloromethane	0.657	0.621	5.5	78	0.00
4	C	Vinyl Chloride	0.706	0.741	-5.0#	83	0.00
5	T	Bromomethane	0.384	0.376	2.1	73	0.01
6	T	Chloroethane	0.464	0.433	6.7	80	0.00
7	T	Trichlorofluoromethane	1.053	1.090	-3.5	82	0.00
8	T	Diethyl Ether	0.371	0.393	-5.9	88	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.634	0.652	-2.8	84	0.00
10	T	Methyl Iodide	0.647	0.795	-22.9	96	0.00
11	T	Tert butyl alcohol	0.080	0.089	-11.2	107	0.00
12	CM	1,1-Dichloroethene	0.628	0.646	-2.9#	84	0.00
13	T	Acrolein	0.134	0.121	9.7	76	0.00
14	T	Allyl chloride	1.136	1.079	5.0	76	0.00
15	T	Acrylonitrile	0.297	0.340	-14.5	90	0.00
16	T	Acetone	0.250	0.282	-12.8	98	0.00
17	T	Carbon Disulfide	1.818	1.648	9.4	74	0.00
18	T	Methyl Acetate	0.663	0.909	-37.1#	116	0.00
19	T	Methyl tert-butyl Ether	1.912	2.140	-11.9	91	0.00
20	T	Methylene Chloride	0.686	0.692	-0.9	84	0.00
21	T	trans-1,2-Dichloroethene	0.643	0.656	-2.0	83	0.00
22	T	Diisopropyl ether	2.184	2.353	-7.7	87	0.00
23	T	Vinyl Acetate	1.752	1.953	-11.5	88	0.00
24	P	1,1-Dichloroethane	1.214	1.265	-4.2	85	0.00
25	T	2-Butanone	0.363	0.427	-17.6	96	0.00
26	T	2,2-Dichloropropane	0.940	0.776	17.4	69	0.00
27	T	cis-1,2-Dichloroethene	0.761	0.789	-3.7	86	0.00
28	T	Bromochloromethane	0.559	0.620	-10.9	89	0.00
29	T	Tetrahydrofuran	0.234	0.270	-15.4	92	0.00
30	C	Chloroform	1.236	1.265	-2.3#	86	0.00
31	T	Cyclohexane	1.164	1.118	4.0	80	0.00
32	T	1,1,1-Trichloroethane	1.074	1.108	-3.2	86	0.00
33	S	1,2-Dichloroethane-d4	0.623	0.599	3.9	91	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35	S	Dibromofluoromethane	0.309	0.299	3.2	91	0.00
36	T	1,1-Dichloropropene	0.526	0.508	3.4	84	0.00
37	T	Ethyl Acetate	0.485	0.562	-15.9	99	0.00
38	T	Carbon Tetrachloride	0.562	0.555	1.2	84	0.00
39	T	Methylcyclohexane	0.657	0.632	3.8	82	0.00
40	TM	Benzene	1.523	1.525	-0.1	83	0.00
41	T	Methacrylonitrile	0.254	0.264	-3.9	82	0.00
42	TM	1,2-Dichloroethane	0.536	0.552	-3.0	87	0.00
43	T	Isopropyl Acetate	0.756	0.889	-17.6	94	0.00
44	TM	Trichloroethene	0.391	0.379	3.1	82	0.00
45	C	1,2-Dichloropropane	0.381	0.386	-1.3#	85	0.00
46	T	Dibromomethane	0.267	0.279	-4.5	86	0.00
47	T	Bromodichloromethane	0.569	0.584	-2.6	85	0.00
48	T	Methyl methacrylate	0.412	0.452	-9.7	93	0.00

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Quant Time: Jul 31 03:18:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
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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)
49	T	1,4-Dioxane	0.005	0.006	-20.0	95	0.06
50	S	Toluene-d8	1.000	0.907	9.3	89	0.00
51	T	4-Methyl-2-Pentanone	0.449	0.523	-16.5	95	0.00
52	CM	Toluene	0.936	0.937	-0.1#	83	0.00
53	T	t-1,3-Dichloropropene	0.538	0.539	-0.2	82	0.00
54	T	cis-1,3-Dichloropropene	0.588	0.588	0.0	81	0.00
55	T	1,1,2-Trichloroethane	0.351	0.366	-4.3	88	0.00
56	T	Ethyl methacrylate	0.520	0.591	-13.7	90	0.00
57	T	1,3-Dichloropropane	0.610	0.621	-1.8	86	0.00
58	T	2-Chloroethyl Vinyl ether	0.289	0.316	-9.3	88	0.00
59	T	2-Hexanone	0.297	0.364	-22.6	96	0.00
60	T	Dibromochloromethane	0.412	0.431	-4.6	88	0.00
61	T	1,2-Dibromoethane	0.367	0.370	-0.8	85	0.00
62	S	4-Bromofluorobenzene	0.431	0.407	5.6	90	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64	T	Tetrachloroethene	0.360	0.351	2.5	82	0.00
65	PM	Chlorobenzene	1.171	1.165	0.5	83	0.00
66	T	1,1,1,2-Tetrachloroethane	0.394	0.408	-3.6	86	0.00
67	C	Ethyl Benzene	2.048	2.071	-1.1#	83	0.00
68	T	m/p-Xylenes	0.766	0.762	0.5	82	0.00
69	T	o-Xylene	0.729	0.745	-2.2	84	0.00
70	T	Styrene	1.250	1.288	-3.0	83	0.00
71	P	Bromoform	0.300	0.327	-9.0	88	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73	T	Isopropylbenzene	3.945	4.105	-4.1	84	0.00
74	T	N-amyl acetate	1.592	1.789	-12.4	88	0.00
75	P	1,1,2,2-Tetrachloroethane	1.127	1.243	-10.3	91	0.00
76	T	1,2,3-Trichloropropane	0.925	1.021	-10.4	91	0.00
77	T	Bromobenzene	0.946	0.973	-2.9	84	0.00
78	T	n-propylbenzene	4.714	4.846	-2.8	83	0.00
79	T	2-Chlorotoluene	2.818	2.877	-2.1	84	0.00
80	T	1,3,5-Trimethylbenzene	3.259	3.343	-2.6	84	0.00
81	T	trans-1,4-Dichloro-2-butene	0.359	0.276	23.1	62	0.00
82	T	4-Chlorotoluene	3.289	3.350	-1.9	83	0.00
83	T	tert-Butylbenzene	3.271	3.429	-4.8	84	0.00
84	T	1,2,4-Trimethylbenzene	3.251	3.363	-3.4	83	0.00
85	T	sec-Butylbenzene	4.087	4.237	-3.7	85	0.00
86	T	p-Isopropyltoluene	3.389	3.529	-4.1	84	0.00
87	T	1,3-Dichlorobenzene	1.798	1.797	0.1	83	0.00
88	T	1,4-Dichlorobenzene	1.821	1.814	0.4	84	0.00
89	T	n-Butylbenzene	3.178	3.293	-3.6	84	0.00
90	T	Hexachloroethane	0.606	0.637	-5.1	86	0.00
91	T	1,2-Dichlorobenzene	1.718	1.732	-0.8	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.216	0.256	-18.5	94	0.00
93	T	1,2,4-Trichlorobenzene	1.135	1.179	-3.9	85	0.00
94	T	Hexachlorobutadiene	0.386	0.413	-7.0	90	0.00
95	T	Naphthalene	3.328	3.753	-12.8	88	0.00

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Response via : Initial Calibration

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.094	1.137	-3.9	85	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6