Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
Data File : VY021628.D
Acq On : 25 Mar 2025 11:31
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 26 01:35:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 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	89	0.00
2	T	Dichlorodifluoromethane	0.459	0.409	10.9	81	0.00
3	P	Chloromethane	0.647	0.618	4.5	89	0.00
4	C	Vinyl Chloride	0.707	0.731	-3.4#	94	0.00
5	T	Bromomethane	0.511	0.471	7.8	89	-0.01
6	T	Chloroethane	0.467	0.518	-10.9	100	0.00
7	T	Trichlorofluoromethane	0.987	1.123	-13.8	103	-0.01
8	T	Diethyl Ether	0.273	0.263	3.7	82	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.563	0.573	-1.8	95	-0.01
10	T	Methyl Iodide	0.573	0.563	1.7	79	-0.01
11	T	Tert butyl alcohol	0.041	0.030	26.8#	71	-0.02
12	CM	1,1-Dichloroethene	0.514	0.502	2.3#	88	-0.01
13	T	Acrolein	0.027	0.004	85.2#	72	-0.01
14	T	Allyl chloride	0.830	0.826	0.5	87	-0.02
15	T	Acrylonitrile	0.116	0.114	1.7	81	-0.01
16	T	Acetone	0.115	0.123	-7.0	81	0.00
17	T	Carbon Disulfide	1.610	1.406	12.7	76	-0.01
18	T	Methyl Acetate	0.256	0.321	-25.4#	100	0.00
19	T	Methyl tert-butyl Ether	1.302	1.275	2.1	83	0.00
20	T	Methylene Chloride	0.605	0.563	6.9	91	0.00
21	T	trans-1,2-Dichloroethene	0.575	0.566	1.6	89	-0.02
22	T	Diisopropyl ether	1.789	1.810	-1.2	87	-0.01
23	T	Vinyl Acetate	1.021	0.953	6.7	76	-0.01
24	P	1,1-Dichloroethane	1.056	1.067	-1.0	90	-0.02
25	T	2-Butanone	0.159	0.156	1.9	77	0.00
26	T	2,2-Dichloropropane	0.971	0.990	-2.0	94	0.00
27	T	cis-1,2-Dichloroethene	0.653	0.660	-1.1	89	0.00
28	T	Bromochloromethane	0.443	0.444	-0.2	84	0.00
29	T	Tetrahydrofuran	0.098	0.093	5.1	74	-0.01
30	C	Chloroform	1.096	1.112	-1.5#	91	0.00
31	T	Cyclohexane	0.990	0.899	9.2	85	0.00
32	T	1,1,1-Trichloroethane	1.004	1.022	-1.8	93	0.00
33	S	1,2-Dichloroethane-d4	0.528	0.552	-4.5	102	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35	S	Dibromofluoromethane	0.329	0.371	-12.8	108	-0.01
36	T	1,1-Dichloropropene	0.514	0.528	-2.7	88	0.00
37	T	Ethyl Acetate	0.227	0.221	2.6	77	0.00
38	T	Carbon Tetrachloride	0.592	0.634	-7.1	93	0.00
39	T	Methylcyclohexane	0.631	0.652	-3.3	86	0.00
40	TM	Benzene	1.515	1.565	-3.3	87	0.00
41	T	Methacrylonitrile	0.124	0.127	-2.4	83	0.00
42	TM	1,2-Dichloroethane	0.424	0.426	-0.5	84	0.00
43	T	Isopropyl Acetate	0.441	0.429	2.7	77	0.00
44	TM	Trichloroethene	0.383	0.406	-6.0	92	0.00
45	C	1,2-Dichloropropane	0.361	0.382	-5.8#	89	0.00
46	T	Dibromomethane	0.201	0.206	-2.5	84	0.00
47	T	Bromodichloromethane	0.533	0.566	-6.2	89	0.00
48	T	Methyl methacrylate	0.203	0.211	-3.9	79	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	85	0.00
50	S	Toluene-d8	1.244	1.383	-11.2	105	0.00
51	T	4-Methyl-2-Pentanone	0.228	0.230	-0.9	76	0.00
52	CM	Toluene	0.955	1.011	-5.9#	88	0.00
53	T	t-1,3-Dichloropropene	0.470	0.496	-5.5	86	0.00
54	T	cis-1,3-Dichloropropene	0.557	0.581	-4.3	85	0.00
55	T	1,1,2-Trichloroethane	0.263	0.276	-4.9	84	0.00
56	T	Ethyl methacrylate	0.335	0.351	-4.8	79	0.00
57	T	1,3-Dichloropropane	0.455	0.466	-2.4	84	0.00
58	T	2-Chloroethyl Vinyl ether	0.155	0.162	-4.5	80	0.00
59	T	2-Hexanone	0.151	0.160	-6.0	76	0.00
60	T	Dibromochloromethane	0.360	0.376	-4.4	86	0.00
61	T	1,2-Dibromoethane	0.248	0.249	-0.4	82	0.00
62	S	4-Bromofluorobenzene	0.423	0.468	-10.6	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64	T	Tetrachloroethene	0.407	0.486	-19.4	101	0.00
65	PM	Chlorobenzene	1.181	1.247	-5.6	88	0.00
66	T	1,1,1,2-Tetrachloroethane	0.417	0.455	-9.1	91	0.00
67	C	Ethyl Benzene	2.072	2.245	-8.3#	88	0.00
68	T	m/p-Xylenes	0.787	0.860	-9.3	88	0.00
69	T	o-Xylene	0.725	0.792	-9.2	88	0.00
70	T	Styrene	1.203	1.337	-11.1	88	0.00
71	P	Bromoform	0.233	0.249	-6.9	83	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73	T	Isopropylbenzene	3.939	4.241	-7.7	90	0.00
74	T	N-amyl acetate	0.855	0.850	0.6	76	0.00
75	P	1,1,2,2-Tetrachloroethane	0.695	0.672	3.3	79	0.00
76	T	1,2,3-Trichloropropane	0.504	0.504	0.0	87	0.00
77	T	Bromobenzene	0.921	0.943	-2.4	87	0.00
78	T	n-propylbenzene	4.783	5.166	-8.0	90	0.00
79	T	2-Chlorotoluene	2.735	2.877	-5.2	90	0.00
80	T	1,3,5-Trimethylbenzene	3.201	3.438	-7.4	90	0.00
81	T	trans-1,4-Dichloro-2-butene	0.222	0.220	0.9	79	0.00
82	T	4-Chlorotoluene	2.832	2.991	-5.6	90	0.00
83	T	tert-Butylbenzene	2.855	3.119	-9.2	91	0.00
84	T	1,2,4-Trimethylbenzene	3.178	3.423	-7.7	89	0.00
85	T	sec-Butylbenzene	4.248	4.639	-9.2	91	0.00
86	T	p-Isopropyltoluene	3.500	3.891	-11.2	92	0.00
87	T	1,3-Dichlorobenzene	1.834	1.893	-3.2	89	0.00
88	T	1,4-Dichlorobenzene	1.794	1.848	-3.0	88	0.00
89	T	n-Butylbenzene	3.232	3.604	-11.5	91	0.00
90	T	Hexachloroethane	0.747	0.796	-6.6	93	0.00
91	T	1,2-Dichlorobenzene	1.572	1.638	-4.2	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.104	0.103	1.0	81	0.00
93	T	1,2,4-Trichlorobenzene	0.859	0.916	-6.6	86	0.00
94	T	Hexachlorobutadiene	0.538	0.610	-13.4	94	0.00
95	T	Naphthalene	1.390	1.454	-4.6	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.722	0.763	-5.7	84	0.00

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