Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032025\
Data File : VY021574.D
Acq On : 20 Mar 2025 11:09
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 21 01:31:55 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	94	0.00
2	T	Dichlorodifluoromethane	0.459	0.397	13.5	83	0.00
3	P	Chloromethane	0.647	0.563	13.0	85	0.00
4	C	Vinyl Chloride	0.707	0.678	4.1#	92	0.00
5	T	Bromomethane	0.511	0.449	12.1	90	-0.01
6	T	Chloroethane	0.467	0.481	-3.0	98	0.00
7	T	Trichlorofluoromethane	0.987	1.056	-7.0	102	-0.01
8	T	Diethyl Ether	0.273	0.268	1.8	89	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.563	0.538	4.4	94	-0.02
10	T	Methyl Iodide	0.573	0.596	-4.0	88	-0.01
11	T	Tert butyl alcohol	0.041	0.040	2.4	100	-0.01
12	CM	1,1-Dichloroethene	0.514	0.489	4.9#	90	-0.01
13	T	Acrolein	0.027	0.005	81.5#	102	-0.01
14	T	Allyl chloride	0.830	0.788	5.1	88	-0.02
15	T	Acrylonitrile	0.116	0.128	-10.3	96	-0.01
16	T	Acetone	0.115	0.102	11.3	71	0.00
17	T	Carbon Disulfide	1.610	1.389	13.7	80	-0.01
18	T	Methyl Acetate	0.256	0.364	-42.2#	120	0.00
19	T	Methyl tert-butyl Ether	1.302	1.350	-3.7	92	-0.01
20	T	Methylene Chloride	0.605	0.551	8.9	94	-0.01
21	T	trans-1,2-Dichloroethene	0.575	0.549	4.5	91	-0.02
22	T	Diisopropyl ether	1.789	1.747	2.3	88	0.00
23	T	Vinyl Acetate	1.021	1.020	0.1	86	-0.01
24	P	1,1-Dichloroethane	1.056	1.025	2.9	91	-0.02
25	T	2-Butanone	0.159	0.165	-3.8	85	-0.01
26	T	2,2-Dichloropropane	0.971	0.908	6.5	91	-0.01
27	T	cis-1,2-Dichloroethene	0.653	0.638	2.3	91	0.00
28	T	Bromochloromethane	0.443	0.486	-9.7	97	0.00
29	T	Tetrahydrofuran	0.098	0.110	-12.2	93	-0.01
30	C	Chloroform	1.096	1.084	1.1#	93	0.00
31	T	Cyclohexane	0.990	0.865	12.6	86	0.00
32	T	1,1,1-Trichloroethane	1.004	0.966	3.8	92	0.00
33	S	1,2-Dichloroethane-d4	0.528	0.560	-6.1	109	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35	S	Dibromofluoromethane	0.329	0.353	-7.3	112	0.00
36	T	1,1-Dichloropropene	0.514	0.487	5.3	88	0.00
37	T	Ethyl Acetate	0.227	0.248	-9.3	94	0.00
38	T	Carbon Tetrachloride	0.592	0.578	2.4	92	0.00
39	T	Methylcyclohexane	0.631	0.595	5.7	86	0.00
40	TM	Benzene	1.515	1.469	3.0	89	0.00
41	T	Methacrylonitrile	0.124	0.138	-11.3	99	0.00
42	TM	1,2-Dichloroethane	0.424	0.424	0.0	91	0.00
43	T	Isopropyl Acetate	0.441	0.479	-8.6	93	0.00
44	TM	Trichloroethene	0.383	0.381	0.5	94	0.00
45	C	1,2-Dichloropropane	0.361	0.360	0.3#	92	0.00
46	T	Dibromomethane	0.201	0.214	-6.5	94	0.00
47	T	Bromodichloromethane	0.533	0.541	-1.5	93	0.00
48	T	Methyl methacrylate	0.203	0.222	-9.4	91	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.003	-50.0#	108	0.00
50	S	Toluene-d8	1.244	1.294	-4.0	107	0.00
51	T	4-Methyl-2-Pentanone	0.228	0.263	-15.4	94	0.00
52	CM	Toluene	0.955	0.976	-2.2#	92	0.00
53	T	t-1,3-Dichloropropene	0.470	0.485	-3.2	91	0.00
54	T	cis-1,3-Dichloropropene	0.557	0.563	-1.1	90	0.00
55	T	1,1,2-Trichloroethane	0.263	0.278	-5.7	92	0.00
56	T	Ethyl methacrylate	0.335	0.384	-14.6	94	0.00
57	T	1,3-Dichloropropane	0.455	0.476	-4.6	93	0.00
58	T	2-Chloroethyl Vinyl ether	0.155	0.171	-10.3	92	0.00
59	T	2-Hexanone	0.151	0.175	-15.9	90	0.00
60	T	Dibromochloromethane	0.360	0.377	-4.7	94	0.00
61	T	1,2-Dibromoethane	0.248	0.260	-4.8	93	0.00
62	S	4-Bromofluorobenzene	0.423	0.456	-7.8	110	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64	T	Tetrachloroethene	0.407	0.461	-13.3	106	0.00
65	PM	Chlorobenzene	1.181	1.164	1.4	91	0.00
66	T	1,1,1,2-Tetrachloroethane	0.417	0.422	-1.2	93	0.00
67	C	Ethyl Benzene	2.072	2.051	1.0#	89	0.00
68	T	m/p-Xylenes	0.787	0.787	0.0	89	0.00
69	T	o-Xylene	0.725	0.741	-2.2	91	0.00
70	T	Styrene	1.203	1.266	-5.2	92	0.00
71	P	Bromoform	0.233	0.254	-9.0	94	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73	T	Isopropylbenzene	3.939	3.847	2.3	91	0.00
74	T	N-amyl acetate	0.855	0.906	-6.0	91	0.00
75	P	1,1,2,2-Tetrachloroethane	0.695	0.706	-1.6	93	0.00
76	T	1,2,3-Trichloropropane	0.504	0.524	-4.0	102	0.00
77	T	Bromobenzene	0.921	0.895	2.8	92	0.00
78	T	n-propylbenzene	4.783	4.642	2.9	90	0.00
79	T	2-Chlorotoluene	2.735	2.640	3.5	92	0.00
80	T	1,3,5-Trimethylbenzene	3.201	3.144	1.8	92	0.00
81	T	trans-1,4-Dichloro-2-butene	0.222	0.223	-0.5	90	0.00
82	T	4-Chlorotoluene	2.832	2.727	3.7	91	0.00
83	T	tert-Butylbenzene	2.855	2.851	0.1	93	0.00
84	T	1,2,4-Trimethylbenzene	3.178	3.147	1.0	92	0.00
85	T	sec-Butylbenzene	4.248	4.161	2.0	91	0.00
86	T	p-Isopropyltoluene	3.500	3.511	-0.3	93	0.00
87	T	1,3-Dichlorobenzene	1.834	1.787	2.6	94	0.00
88	T	1,4-Dichlorobenzene	1.794	1.717	4.3	92	0.00
89	T	n-Butylbenzene	3.232	3.282	-1.5	93	0.00
90	T	Hexachloroethane	0.747	0.725	2.9	95	0.00
91	T	1,2-Dichlorobenzene	1.572	1.578	-0.4	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.104	0.110	-5.8	98	0.00
93	T	1,2,4-Trichlorobenzene	0.859	0.919	-7.0	97	0.00
94	T	Hexachlorobutadiene	0.538	0.562	-4.5	97	0.00
95	T	Naphthalene	1.390	1.657	-19.2	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.722	0.797	-10.4	98	0.00

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