Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021373.D
Acq On : 27 Feb 2025 21:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 28 00:45:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 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	0.474	0.466	1.7	89	0.00
3	P	Chloromethane	0.612	0.650	-6.2	101	0.00
4	C	Vinyl Chloride	0.601	0.672	-11.8#	100	0.00
5	T	Bromomethane	0.399	0.463	-16.0	112	0.00
6	T	Chloroethane	0.373	0.448	-20.1	107	0.00
7	T	Trichlorofluoromethane	0.908	0.977	-7.6	98	0.00
8	T	Diethyl Ether	0.272	0.330	-21.3	108	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.525	0.534	-1.7	93	0.00
10	T	Methyl Iodide	0.553	0.710	-28.4#	104	0.00
11	T	Tert butyl alcohol	0.044	0.047	-6.8	108	0.00
12	CM	1,1-Dichloroethene	0.503	0.543	-8.0#	99	0.00
13	T	Acrolein	0.033	0.004	87.9#	63	0.00
14	T	Allyl chloride	0.892	0.929	-4.1	94	0.00
15	T	Acrylonitrile	0.120	0.148	-23.3	108	0.00
16	T	Acetone	0.109	0.121	-11.0	89	0.00
17	T	Carbon Disulfide	1.671	1.776	-6.3	96	0.00
18	T	Methyl Acetate	0.266	0.359	-35.0#	122	0.00
19	T	Methyl tert-butyl Ether	1.329	1.654	-24.5	110	0.00
20	T	Methylene Chloride	0.588	0.649	-10.4	104	0.00
21	T	trans-1,2-Dichloroethene	0.554	0.627	-13.2	102	0.00
22	T	Diisopropyl ether	1.846	2.170	-17.6	103	0.00
23	T	Vinyl Acetate	1.103	1.279	-16.0	101	0.00
24	P	1,1-Dichloroethane	1.040	1.207	-16.1	104	0.00
25	T	2-Butanone	0.164	0.194	-18.3	99	0.00
26	T	2,2-Dichloropropane	0.944	0.736	22.0	71	0.00
27	T	cis-1,2-Dichloroethene	0.632	0.747	-18.2	105	0.00
28	T	Bromochloromethane	0.460	0.504	-9.6	104	0.00
29	T	Tetrahydrofuran	0.107	0.132	-23.4	108	0.00
30	C	Chloroform	1.054	1.264	-19.9#	108	0.00
31	T	Cyclohexane	1.000	0.937	6.3	89	0.00
32	T	1,1,1-Trichloroethane	0.960	1.068	-11.3	101	0.00
33	S	1,2-Dichloroethane-d4	0.567	0.595	-4.9	101	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35	S	Dibromofluoromethane	0.328	0.314	4.3	98	0.00
36	T	1,1-Dichloropropene	0.492	0.492	0.0	97	0.00
37	T	Ethyl Acetate	0.245	0.276	-12.7	109	0.00
38	T	Carbon Tetrachloride	0.554	0.560	-1.1	98	0.00
39	T	Methylcyclohexane	0.623	0.584	6.3	90	0.00
40	TM	Benzene	1.456	1.571	-7.9	104	0.00
41	T	Methacrylonitrile	0.137	0.129	5.8	89	0.00
42	TM	1,2-Dichloroethane	0.413	0.484	-17.2	113	0.00
43	T	Isopropyl Acetate	0.474	0.538	-13.5	107	0.00
44	TM	Trichloroethene	0.364	0.386	-6.0	103	0.00
45	C	1,2-Dichloropropane	0.350	0.381	-8.9#	104	0.00
46	T	Dibromomethane	0.191	0.224	-17.3	112	0.00
47	T	Bromodichloromethane	0.511	0.582	-13.9	110	0.00
48	T	Methyl methacrylate	0.222	0.253	-14.0	104	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.003	-50.0#	117	0.00
50	S	Toluene-d8	1.267	1.166	8.0	95	0.00
51	T	4-Methyl-2-Pentanone	0.243	0.285	-17.3	108	0.00
52	CM	Toluene	0.904	0.997	-10.3#	105	0.00
53	T	t-1,3-Dichloropropene	0.468	0.494	-5.6	98	0.00
54	T	cis-1,3-Dichloropropene	0.552	0.569	-3.1	98	0.00
55	T	1,1,2-Trichloroethane	0.249	0.289	-16.1	110	0.00
56	T	Ethyl methacrylate	0.345	0.415	-20.3	108	0.00
57	T	1,3-Dichloropropane	0.438	0.507	-15.8	110	0.00
58	T	2-Chloroethyl Vinyl ether	0.165	0.190	-15.2	101	0.00
59	T	2-Hexanone	0.159	0.191	-20.1	106	0.00
60	T	Dibromochloromethane	0.340	0.401	-17.9	111	0.00
61	T	1,2-Dibromoethane	0.236	0.274	-16.1	110	0.00
62	S	4-Bromofluorobenzene	0.426	0.399	6.3	96	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
64	T	Tetrachloroethene	0.378	0.390	-3.2	106	0.00
65	PM	Chlorobenzene	1.122	1.190	-6.1	107	0.00
66	T	1,1,1,2-Tetrachloroethane	0.393	0.428	-8.9	109	0.00
67	C	Ethyl Benzene	1.988	2.066	-3.9#	103	0.00
68	T	m/p-Xylenes	0.748	0.778	-4.0	103	0.00
69	T	o-Xylene	0.701	0.748	-6.7	104	0.00
70	T	Styrene	1.166	1.291	-10.7	107	0.00
71	P	Bromoform	0.225	0.258	-14.7	111	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73	T	Isopropylbenzene	3.759	3.807	-1.3	100	0.00
74	T	N-amyl acetate	0.955	1.041	-9.0	103	0.00
75	P	1,1,2,2-Tetrachloroethane	0.663	0.723	-9.0	109	0.00
76	T	1,2,3-Trichloropropane	0.500	0.516	-3.2	103	0.00
77	T	Bromobenzene	0.874	0.953	-9.0	110	0.00
78	T	n-propylbenzene	4.561	4.550	0.2	99	0.00
79	T	2-Chlorotoluene	2.618	2.705	-3.3	104	0.00
80	T	1,3,5-Trimethylbenzene	3.083	3.174	-3.0	102	0.00
81	T	trans-1,4-Dichloro-2-butene	0.225	0.198	12.0	85	0.00
82	T	4-Chlorotoluene	2.714	2.777	-2.3	103	0.00
83	T	tert-Butylbenzene	2.785	2.845	-2.2	103	0.00
84	T	1,2,4-Trimethylbenzene	3.066	3.225	-5.2	104	0.00
85	T	sec-Butylbenzene	4.068	3.983	2.1	98	0.00
86	T	p-Isopropyltoluene	3.397	3.379	0.5	99	0.00
87	T	1,3-Dichlorobenzene	1.730	1.817	-5.0	106	0.00
88	T	1,4-Dichlorobenzene	1.709	1.790	-4.7	107	0.00
89	T	n-Butylbenzene	3.196	3.050	4.6	93	0.00
90	T	Hexachloroethane	0.710	0.713	-0.4	104	0.00
91	T	1,2-Dichlorobenzene	1.515	1.638	-8.1	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.105	0.119	-13.3	111	0.00
93	T	1,2,4-Trichlorobenzene	0.925	0.984	-6.4	107	0.00
94	T	Hexachlorobutadiene	0.582	0.571	1.9	101	0.00
95	T	Naphthalene	1.532	1.827	-19.3	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.781	0.883	-13.1	112	0.00

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