Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
Data File : VY017133.D
Acq On : 30 Jan 2024 09:31
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: Jan 31 00:26:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:44:10 2024
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	85	0.01
2	T	Dichlorodifluoromethane	0.434	0.343	21.0	85	0.00
3	P	Chloromethane	0.729	0.615	15.6	86	0.01
4	C	Vinyl Chloride	0.833	0.741	11.0#	87	0.00
5	T	Bromomethane	0.621	0.531	14.5	87	0.01
6	T	Chloroethane	0.534	0.507	5.1	91	0.01
7	T	Trichlorofluoromethane	0.966	0.852	11.8	90	0.01
8	T	Diethyl Ether	0.288	0.259	10.1	83	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.559	0.539	3.6	91	0.02
10	T	Methyl Iodide	0.531	0.524	1.3	83	0.01
11	T	Tert butyl alcohol	0.037	0.029	21.6	79	0.02
12	CM	1,1-Dichloroethene	0.512	0.494	3.5#	90	0.01
13	T	Acrolein	0.058	0.046	20.7	71	0.01
14	T	Allyl chloride	0.774	0.768	0.8	89	0.01
15	T	Acrylonitrile	0.125	0.116	7.2	83	0.02
16	T	Acetone	0.158	0.121	23.4	88	0.01
17	T	Carbon Disulfide	1.543	1.357	12.1	81	0.02
18	T	Methyl Acetate	0.500	0.507	-1.4	87	0.01
19	T	Methyl tert-butyl Ether	1.249	1.163	6.9	83	0.02
20	T	Methylene Chloride	0.671	0.565	15.8	88	0.01
21	T	trans-1,2-Dichloroethene	0.592	0.568	4.1	87	0.02
22	T	Diisopropyl ether	1.708	1.755	-2.8	90	0.02
23	T	Vinyl Acetate	0.829	0.774	6.6	83	0.02
24	P	1,1-Dichloroethane	1.042	1.048	-0.6	92	0.02
25	T	2-Butanone	0.194	0.157	19.1	83	0.02
26	T	2,2-Dichloropropane	0.890	0.881	1.0	91	0.01
27	T	cis-1,2-Dichloroethene	0.656	0.663	-1.1	91	0.01
28	T	Bromochloromethane	0.415	0.448	-8.0	84	0.01
29	T	Tetrahydrofuran	0.099	0.091	8.1	80	0.01
30	C	Chloroform	1.061	1.064	-0.3#	92	0.01
31	T	Cyclohexane	0.963	0.869	9.8	85	0.01
32	T	1,1,1-Trichloroethane	0.910	0.916	-0.7	92	0.01
33	S	1,2-Dichloroethane-d4	0.487	0.516	-6.0	89	0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35	S	Dibromofluoromethane	0.302	0.342	-13.2	93	0.01
36	T	1,1-Dichloropropene	0.497	0.498	-0.2	90	0.01
37	T	Ethyl Acetate	0.213	0.194	8.9	84	0.01
38	T	Carbon Tetrachloride	0.487	0.490	-0.6	92	0.01
39	T	Methylcyclohexane	0.597	0.586	1.8	85	0.01
40	TM	Benzene	1.442	1.462	-1.4	90	0.01
41	T	Methacrylonitrile	0.114	0.114	0.0	98	0.02
42	TM	1,2-Dichloroethane	0.374	0.363	2.9	87	0.00
43	T	Isopropyl Acetate	0.399	0.371	7.0	81	0.01
44	TM	Trichloroethene	0.370	0.369	0.3	90	0.01
45	C	1,2-Dichloropropane	0.354	0.365	-3.1#	91	0.00
46	T	Dibromomethane	0.188	0.181	3.7	86	0.01
47	T	Bromodichloromethane	0.478	0.485	-1.5	89	0.00
48	T	Methyl methacrylate	0.221	0.206	6.8	79	0.01

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	89	0.00
50	S	Toluene-d8	1.140	1.298	-13.9	92	0.00
51	T	4-Methyl-2-Pentanone	0.212	0.200	5.7	82	0.00
52	CM	Toluene	0.873	0.897	-2.7#	90	0.01
53	T	t-1,3-Dichloropropene	0.437	0.435	0.5	86	0.01
54	T	cis-1,3-Dichloropropene	0.537	0.542	-0.9	88	0.00
55	T	1,1,2-Trichloroethane	0.263	0.255	3.0	86	0.00
56	T	Ethyl methacrylate	0.230	0.219	4.8	80	0.00
57	T	1,3-Dichloropropane	0.444	0.440	0.9	86	0.00
58	T	2-Chloroethyl Vinyl ether	0.159	0.189	-18.9	91	0.01
59	T	2-Hexanone	0.162	0.140	13.6	81	0.00
60	T	Dibromochloromethane	0.305	0.299	2.0	87	0.00
61	T	1,2-Dibromoethane	0.239	0.228	4.6	85	0.00
62	S	4-Bromofluorobenzene	0.351	0.392	-11.7	89	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64	T	Tetrachloroethene	0.349	0.341	2.3	89	0.01
65	PM	Chlorobenzene	1.060	1.062	-0.2	89	0.00
66	T	1,1,1,2-Tetrachloroethane	0.387	0.398	-2.8	90	0.00
67	C	Ethyl Benzene	1.926	2.002	-3.9#	90	0.01
68	T	m/p-Xylenes	0.724	0.763	-5.4	91	0.01
69	T	o-Xylene	0.657	0.681	-3.7	88	0.00
70	T	Styrene	0.954	1.020	-6.9	89	0.01
71	P	Bromoform	0.194	0.192	1.0	87	0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
73	T	Isopropylbenzene	4.110	4.371	-6.4	91	0.01
74	T	N-amyl acetate	0.829	0.778	6.2	79	0.00
75	P	1,1,2,2-Tetrachloroethane	0.784	0.747	4.7	83	0.00
76	T	1,2,3-Trichloropropane	0.607	0.505	16.8	70	0.00
77	T	Bromobenzene	0.889	0.913	-2.7	89	0.00
78	T	n-propylbenzene	4.944	5.273	-6.7	90	0.01
79	T	2-Chlorotoluene	2.713	2.846	-4.9	91	0.01
80	T	1,3,5-Trimethylbenzene	3.253	3.445	-5.9	90	0.01
81	T	trans-1,4-Dichloro-2-butene	0.234	0.221	5.6	84	0.01
82	T	4-Chlorotoluene	2.812	2.928	-4.1	90	0.01
83	T	tert-Butylbenzene	2.814	3.025	-7.5	90	0.00
84	T	1,2,4-Trimethylbenzene	3.233	3.396	-5.0	89	0.00
85	T	sec-Butylbenzene	4.167	4.463	-7.1	89	0.00
86	T	p-Isopropyltoluene	3.471	3.725	-7.3	89	0.00
87	T	1,3-Dichlorobenzene	1.756	1.802	-2.6	89	0.01
88	T	1,4-Dichlorobenzene	1.728	1.713	0.9	87	0.01
89	T	n-Butylbenzene	3.348	3.579	-6.9	89	0.01
90	T	Hexachloroethane	0.723	0.751	-3.9	90	0.00
91	T	1,2-Dichlorobenzene	1.500	1.509	-0.6	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.100	0.088	12.0	78	0.00
93	T	1,2,4-Trichlorobenzene	0.784	0.766	2.3	85	0.00
94	T	Hexachlorobutadiene	0.472	0.461	2.3	87	0.00
95	T	Naphthalene	1.384	1.301	6.0	79	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.652	0.618	5.2	83	0.01

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