Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
Data File : VY014178.D
Acq On : 15 Jun 2023 10:12
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 16 02:03:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
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	82	0.00
2	T	Dichlorodifluoromethane	0.557	0.478	14.2	73	0.00
3	P	Chloromethane	0.707	0.628	11.2	78	0.00
4	C	Vinyl Chloride	0.687	0.618	10.0#	76	0.00
5	T	Bromomethane	0.567	0.485	14.5	81	-0.01
6	T	Chloroethane	0.467	0.407	12.8	78	0.00
7	T	Trichlorofluoromethane	1.116	1.030	7.7	78	-0.01
8	T	Diethyl Ether	0.373	0.352	5.6	82	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.563	0.529	6.0	77	0.00
10	T	Methyl Iodide	0.744	0.678	8.9	74	0.00
11	T	Tert butyl alcohol	0.092	0.093	-1.1	104	-0.02
12	CM	1,1-Dichloroethene	0.571	0.528	7.5#	79	0.00
13	T	Acrolein	0.044	0.043	2.3	109	0.00
14	T	Allyl chloride	1.035	0.983	5.0	80	-0.01
15	T	Acrylonitrile	0.192	0.201	-4.7	90	-0.01
16	T	Acetone	0.210	0.233	-11.0	108	-0.01
17	T	Carbon Disulfide	1.850	1.744	5.7	81	0.00
18	T	Methyl Acetate	0.815	0.795	2.5	89	0.00
19	T	Methyl tert-butyl Ether	1.684	1.689	-0.3	82	0.00
20	T	Methylene Chloride	0.775	0.703	9.3	86	-0.01
21	T	trans-1,2-Dichloroethene	0.637	0.626	1.7	81	-0.01
22	T	Diisopropyl ether	1.981	2.050	-3.5	86	0.00
23	T	Vinyl Acetate	1.169	1.218	-4.2	87	-0.01
24	P	1,1-Dichloroethane	1.142	1.133	0.8	84	0.00
25	T	2-Butanone	0.258	0.297	-15.1	106	-0.01
26	T	2,2-Dichloropropane	1.073	1.058	1.4	84	-0.01
27	T	cis-1,2-Dichloroethene	0.712	0.730	-2.5	88	0.00
28	T	Bromochloromethane	0.465	0.467	-0.4	90	0.00
29	T	Tetrahydrofuran	0.164	0.179	-9.1	98	0.00
30	C	Chloroform	1.212	1.229	-1.4#	86	0.00
31	T	Cyclohexane	0.933	0.885	5.1	82	0.00
32	T	1,1,1-Trichloroethane	1.093	1.072	1.9	83	0.00
33	S	1,2-Dichloroethane-d4	0.696	0.608	12.6	82	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35	S	Dibromofluoromethane	0.355	0.359	-1.1	87	0.00
36	T	1,1-Dichloropropene	0.553	0.534	3.4	80	0.00
37	T	Ethyl Acetate	0.381	0.411	-7.9	91	-0.01
38	T	Carbon Tetrachloride	0.638	0.627	1.7	80	0.00
39	T	Methylcyclohexane	0.613	0.585	4.6	76	0.00
40	TM	Benzene	1.644	1.609	2.1	82	0.00
41	T	Methacrylonitrile	0.195	0.237	-21.5	116	0.00
42	TM	1,2-Dichloroethane	0.581	0.577	0.7	84	0.00
43	T	Isopropyl Acetate	0.669	0.654	2.2	82	0.00
44	TM	Trichloroethene	0.439	0.421	4.1	79	0.00
45	C	1,2-Dichloropropane	0.418	0.404	3.3#	81	0.00
46	T	Dibromomethane	0.257	0.250	2.7	83	0.00
47	T	Bromodichloromethane	0.602	0.600	0.3	83	0.00
48	T	Methyl methacrylate	0.312	0.312	0.0	84	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.004	-33.3#	90	-0.02
50	S	Toluene-d8	1.326	1.159	12.6	79	0.00
51	T	4-Methyl-2-Pentanone	0.363	0.375	-3.3	88	0.00
52	CM	Toluene	1.019	1.003	1.6#	81	0.00
53	T	t-1,3-Dichloropropene	0.634	0.624	1.6	82	0.00
54	T	cis-1,3-Dichloropropene	0.691	0.693	-0.3	84	0.00
55	T	1,1,2-Trichloroethane	0.341	0.339	0.6	83	0.00
56	T	Ethyl methacrylate	0.470	0.475	-1.1	81	0.00
57	T	1,3-Dichloropropane	0.583	0.574	1.5	82	0.00
58	T	2-Chloroethyl Vinyl ether	0.177	0.229	-29.4#	93	0.00
59	T	2-Hexanone	0.262	0.283	-8.0	93	0.00
60	T	Dibromochloromethane	0.436	0.448	-2.8	86	0.00
61	T	1,2-Dibromoethane	0.336	0.338	-0.6	85	0.00
62	S	4-Bromofluorobenzene	0.471	0.469	0.4	88	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64	T	Tetrachloroethene	0.426	0.390	8.5	81	0.00
65	PM	Chlorobenzene	1.201	1.141	5.0	84	0.00
66	T	1,1,1,2-Tetrachloroethane	0.473	0.448	5.3	83	0.00
67	C	Ethyl Benzene	2.103	2.033	3.3#	83	0.00
68	T	m/p-Xylenes	0.809	0.790	2.3	84	0.00
69	T	o-Xylene	0.765	0.752	1.7	84	0.00
70	T	Styrene	1.305	1.297	0.6	85	0.00
71	P	Bromoform	0.324	0.314	3.1	86	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73	T	Isopropylbenzene	3.814	3.583	6.1	81	0.00
74	T	N-amyl acetate	1.209	1.180	2.4	87	0.00
75	P	1,1,2,2-Tetrachloroethane	0.852	0.801	6.0	86	0.00
76	T	1,2,3-Trichloropropane	0.656	0.654	0.3	85	0.00
77	T	Bromobenzene	1.003	0.934	6.9	83	0.00
78	T	n-propylbenzene	4.659	4.385	5.9	82	0.00
79	T	2-Chlorotoluene	2.681	2.511	6.3	84	0.00
80	T	1,3,5-Trimethylbenzene	3.266	3.086	5.5	82	0.00
81	T	trans-1,4-Dichloro-2-butene	0.303	0.299	1.3	88	0.00
82	T	4-Chlorotoluene	2.841	2.649	6.8	83	0.00
83	T	tert-Butylbenzene	2.775	2.528	8.9	79	0.00
84	T	1,2,4-Trimethylbenzene	3.233	3.133	3.1	85	0.00
85	T	sec-Butylbenzene	4.035	3.756	6.9	80	0.00
86	T	p-Isopropyltoluene	3.453	3.222	6.7	81	0.00
87	T	1,3-Dichlorobenzene	1.914	1.794	6.3	84	0.00
88	T	1,4-Dichlorobenzene	1.929	1.774	8.0	84	0.00
89	T	n-Butylbenzene	3.203	3.025	5.6	82	0.00
90	T	Hexachloroethane	0.688	0.632	8.1	83	0.00
91	T	1,2-Dichlorobenzene	1.719	1.629	5.2	86	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.162	0.146	9.9	89	0.00
93	T	1,2,4-Trichlorobenzene	1.089	1.005	7.7	84	0.00
94	T	Hexachlorobutadiene	0.629	0.560	11.0	79	0.00
95	T	Naphthalene	2.210	1.998	9.6	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.984	0.885	10.1	84	0.00

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