Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
Data File : VY014129.D
Acq On : 12 Jun 2023 18:39
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 13 05:45:34 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	78	0.00
2	T	Dichlorodifluoromethane	0.557	0.470	15.6	68	0.00
3	P	Chloromethane	0.707	0.553	21.8	65	0.00
4	C	Vinyl Chloride	0.687	0.563	18.0#	66	0.00
5	T	Bromomethane	0.567	0.484	14.6	76	0.00
6	T	Chloroethane	0.467	0.392	16.1	71	0.00
7	T	Trichlorofluoromethane	1.116	1.045	6.4	75	0.00
8	T	Diethyl Ether	0.373	0.345	7.5	76	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.563	0.521	7.5	72	0.00
10	T	Methyl Iodide	0.744	0.585	21.4	60	0.00
11	T	Tert butyl alcohol	0.092	0.074	19.6	79	0.00
12	CM	1,1-Dichloroethene	0.571	0.491	14.0#	70	0.00
13	T	Acrolein	0.044	0.032	27.3#	75	0.00
14	T	Allyl chloride	1.035	0.883	14.7	68	0.00
15	T	Acrylonitrile	0.192	0.191	0.5	81	0.00
16	T	Acetone	0.210	0.163	22.4	72	0.00
17	T	Carbon Disulfide	1.850	1.336	27.8#	59	0.00
18	T	Methyl Acetate	0.815	0.747	8.3	79	0.00
19	T	Methyl tert-butyl Ether	1.684	1.684	0.0	78	0.00
20	T	Methylene Chloride	0.775	0.729	5.9	85	0.00
21	T	trans-1,2-Dichloroethene	0.637	0.569	10.7	70	0.00
22	T	Diisopropyl ether	1.981	2.013	-1.6	80	0.00
23	T	Vinyl Acetate	1.169	1.181	-1.0	80	0.00
24	P	1,1-Dichloroethane	1.142	1.112	2.6	79	0.00
25	T	2-Butanone	0.258	0.247	4.3	83	0.00
26	T	2,2-Dichloropropane	1.073	0.980	8.7	74	0.00
27	T	cis-1,2-Dichloroethene	0.712	0.688	3.4	79	0.00
28	T	Bromochloromethane	0.465	0.449	3.4	82	0.00
29	T	Tetrahydrofuran	0.164	0.163	0.6	84	0.00
30	C	Chloroform	1.212	1.236	-2.0#	82	0.00
31	T	Cyclohexane	0.933	0.799	14.4	70	0.00
32	T	1,1,1-Trichloroethane	1.093	1.069	2.2	79	0.00
33	S	1,2-Dichloroethane-d4	0.696	0.676	2.9	86	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
35	S	Dibromofluoromethane	0.355	0.375	-5.6	85	0.00
36	T	1,1-Dichloropropene	0.553	0.535	3.3	75	0.00
37	T	Ethyl Acetate	0.381	0.395	-3.7	83	0.00
38	T	Carbon Tetrachloride	0.638	0.651	-2.0	78	0.00
39	T	Methylcyclohexane	0.613	0.577	5.9	70	0.00
40	TM	Benzene	1.644	1.631	0.8	78	0.00
41	T	Methacrylonitrile	0.195	0.218	-11.8	101	0.00
42	TM	1,2-Dichloroethane	0.581	0.599	-3.1	82	0.00
43	T	Isopropyl Acetate	0.669	0.696	-4.0	83	0.00
44	TM	Trichloroethene	0.439	0.434	1.1	76	0.00
45	C	1,2-Dichloropropane	0.418	0.431	-3.1#	81	0.00
46	T	Dibromomethane	0.257	0.270	-5.1	85	0.00
47	T	Bromodichloromethane	0.602	0.651	-8.1	85	0.00
48	T	Methyl methacrylate	0.312	0.335	-7.4	85	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.004	-33.3#	89	0.00
50	S	Toluene-d8	1.326	1.303	1.7	84	0.00
51	T	4-Methyl-2-Pentanone	0.363	0.407	-12.1	90	0.00
52	CM	Toluene	1.019	1.055	-3.5#	80	0.00
53	T	t-1,3-Dichloropropene	0.634	0.661	-4.3	82	0.00
54	T	cis-1,3-Dichloropropene	0.691	0.716	-3.6	82	0.00
55	T	1,1,2-Trichloroethane	0.341	0.363	-6.5	84	0.00
56	T	Ethyl methacrylate	0.470	0.505	-7.4	81	0.00
57	T	1,3-Dichloropropane	0.583	0.609	-4.5	82	0.00
58	T	2-Chloroethyl Vinyl ether	0.177	0.231	-30.5#	88	0.00
59	T	2-Hexanone	0.262	0.285	-8.8	88	0.00
60	T	Dibromochloromethane	0.436	0.474	-8.7	86	0.00
61	T	1,2-Dibromoethane	0.336	0.358	-6.5	85	0.00
62	S	4-Bromofluorobenzene	0.471	0.495	-5.1	87	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
64	T	Tetrachloroethene	0.426	0.417	2.1	80	0.00
65	PM	Chlorobenzene	1.201	1.201	0.0	82	0.00
66	T	1,1,1,2-Tetrachloroethane	0.473	0.489	-3.4	84	0.00
67	C	Ethyl Benzene	2.103	2.116	-0.6#	80	0.00
68	T	m/p-Xylenes	0.809	0.827	-2.2	82	0.00
69	T	o-Xylene	0.765	0.793	-3.7	83	0.00
70	T	Styrene	1.305	1.381	-5.8	84	0.00
71	P	Bromoform	0.324	0.353	-9.0	90	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73	T	Isopropylbenzene	3.814	3.669	3.8	82	0.00
74	T	N-amyl acetate	1.209	1.206	0.2	87	0.00
75	P	1,1,2,2-Tetrachloroethane	0.852	0.864	-1.4	92	0.00
76	T	1,2,3-Trichloropropane	0.656	0.639	2.6	82	0.00
77	T	Bromobenzene	1.003	0.959	4.4	84	0.00
78	T	n-propylbenzene	4.659	4.542	2.5	83	0.00
79	T	2-Chlorotoluene	2.681	2.575	4.0	84	0.00
80	T	1,3,5-Trimethylbenzene	3.266	3.170	2.9	83	0.00
81	T	trans-1,4-Dichloro-2-butene	0.303	0.302	0.3	87	0.00
82	T	4-Chlorotoluene	2.841	2.765	2.7	85	0.00
83	T	tert-Butylbenzene	2.775	2.732	1.5	84	0.00
84	T	1,2,4-Trimethylbenzene	3.233	3.189	1.4	85	0.00
85	T	sec-Butylbenzene	4.035	3.952	2.1	83	0.00
86	T	p-Isopropyltoluene	3.453	3.349	3.0	83	0.00
87	T	1,3-Dichlorobenzene	1.914	1.857	3.0	86	0.00
88	T	1,4-Dichlorobenzene	1.929	1.854	3.9	86	0.00
89	T	n-Butylbenzene	3.203	3.126	2.4	84	0.00
90	T	Hexachloroethane	0.688	0.671	2.5	86	0.00
91	T	1,2-Dichlorobenzene	1.719	1.700	1.1	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.162	0.161	0.6	97	0.00
93	T	1,2,4-Trichlorobenzene	1.089	1.073	1.5	88	0.00
94	T	Hexachlorobutadiene	0.629	0.640	-1.7	89	0.00
95	T	Naphthalene	2.210	2.242	-1.4	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.984	0.976	0.8	91	0.00

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