Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
Data File : VY014301.D
Acq On : 20 Jun 2023 22:31
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 21 02:10:53 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	89	0.00
2	T	Dichlorodifluoromethane	0.557	0.509	8.6	84	0.00
3	P	Chloromethane	0.707	0.581	17.8	78	0.00
4	C	Vinyl Chloride	0.687	0.613	10.8#	82	0.00
5	T	Bromomethane	0.567	0.461	18.7	83	-0.02
6	T	Chloroethane	0.467	0.407	12.8	84	0.00
7	T	Trichlorofluoromethane	1.116	1.145	-2.6	94	0.00
8	T	Diethyl Ether	0.373	0.379	-1.6	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.563	0.599	-6.4	94	0.00
10	T	Methyl Iodide	0.744	0.697	6.3	82	0.00
11	T	Tert butyl alcohol	0.092	0.109	-18.5	132	0.00
12	CM	1,1-Dichloroethene	0.571	0.563	1.4#	91	0.00
13	T	Acrolein	0.044	0.030	31.8#	83	0.00
14	T	Allyl chloride	1.035	1.001	3.3	88	0.00
15	T	Acrylonitrile	0.192	0.238	-24.0	116	0.00
16	T	Acetone	0.210	0.206	1.9	103	0.00
17	T	Carbon Disulfide	1.850	1.715	7.3	86	0.00
18	T	Methyl Acetate	0.815	1.164	-42.8#	141	0.00
19	T	Methyl tert-butyl Ether	1.684	1.830	-8.7	96	0.00
20	T	Methylene Chloride	0.775	0.874	-12.8	116	0.00
21	T	trans-1,2-Dichloroethene	0.637	0.651	-2.2	91	0.00
22	T	Diisopropyl ether	1.981	2.127	-7.4	96	0.00
23	T	Vinyl Acetate	1.169	1.199	-2.6	92	0.00
24	P	1,1-Dichloroethane	1.142	1.190	-4.2	96	0.00
25	T	2-Butanone	0.258	0.332	-28.7#	128	0.00
26	T	2,2-Dichloropropane	1.073	1.017	5.2	88	0.00
27	T	cis-1,2-Dichloroethene	0.712	0.753	-5.8	98	0.00
28	T	Bromochloromethane	0.465	0.456	1.9	95	0.00
29	T	Tetrahydrofuran	0.164	0.221	-34.8#	131	0.00
30	C	Chloroform	1.212	1.302	-7.4#	99	0.00
31	T	Cyclohexane	0.933	0.976	-4.6	97	0.00
32	T	1,1,1-Trichloroethane	1.093	1.174	-7.4	99	0.00
33	S	1,2-Dichloroethane-d4	0.696	0.685	1.6	100	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35	S	Dibromofluoromethane	0.355	0.387	-9.0	99	0.00
36	T	1,1-Dichloropropene	0.553	0.619	-11.9	98	0.00
37	T	Ethyl Acetate	0.381	0.452	-18.6	107	0.00
38	T	Carbon Tetrachloride	0.638	0.730	-14.4	99	0.00
39	T	Methylcyclohexane	0.613	0.704	-14.8	97	0.00
40	TM	Benzene	1.644	1.811	-10.2	98	0.00
41	T	Methacrylonitrile	0.195	0.244	-25.1#	127	0.00
42	TM	1,2-Dichloroethane	0.581	0.647	-11.4	101	0.00
43	T	Isopropyl Acetate	0.669	0.788	-17.8	106	0.00
44	TM	Trichloroethene	0.439	0.491	-11.8	98	0.00
45	C	1,2-Dichloropropane	0.418	0.461	-10.3#	98	0.00
46	T	Dibromomethane	0.257	0.291	-13.2	103	0.00
47	T	Bromodichloromethane	0.602	0.672	-11.6	99	0.00
48	T	Methyl methacrylate	0.312	0.398	-27.6#	115	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.005	-66.7#	127	-0.01
50	S	Toluene-d8	1.326	1.335	-0.7	97	0.00
51	T	4-Methyl-2-Pentanone	0.363	0.494	-36.1#	123	0.00
52	CM	Toluene	1.019	1.153	-13.2#	99	0.00
53	T	t-1,3-Dichloropropene	0.634	0.705	-11.2	98	0.00
54	T	cis-1,3-Dichloropropene	0.691	0.759	-9.8	98	0.00
55	T	1,1,2-Trichloroethane	0.341	0.406	-19.1	106	0.00
56	T	Ethyl methacrylate	0.470	0.572	-21.7	104	0.00
57	T	1,3-Dichloropropane	0.583	0.677	-16.1	102	0.00
58	T	2-Chloroethyl Vinyl ether	0.177	0.283	-59.9#	122	0.00
59	T	2-Hexanone	0.262	0.360	-37.4#	126	0.00
60	T	Dibromochloromethane	0.436	0.514	-17.9	105	0.00
61	T	1,2-Dibromoethane	0.336	0.395	-17.6	106	0.00
62	S	4-Bromofluorobenzene	0.471	0.562	-19.3	112	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64	T	Tetrachloroethene	0.426	0.529	-24.2	117	0.00
65	PM	Chlorobenzene	1.201	1.272	-5.9	100	0.00
66	T	1,1,1,2-Tetrachloroethane	0.473	0.508	-7.4	100	0.00
67	C	Ethyl Benzene	2.103	2.315	-10.1#	101	0.00
68	T	m/p-Xylenes	0.809	0.891	-10.1	101	0.00
69	T	o-Xylene	0.765	0.854	-11.6	102	0.00
70	T	Styrene	1.305	1.475	-13.0	103	0.00
71	P	Bromoform	0.324	0.382	-17.9	112	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73	T	Isopropylbenzene	3.814	4.022	-5.5	102	0.00
74	T	N-amyl acetate	1.209	1.271	-5.1	105	0.00
75	P	1,1,2,2-Tetrachloroethane	0.852	0.944	-10.8	114	0.00
76	T	1,2,3-Trichloropropane	0.656	0.811	-23.6	119	0.00
77	T	Bromobenzene	1.003	1.026	-2.3	103	0.00
78	T	n-propylbenzene	4.659	5.006	-7.4	105	0.00
79	T	2-Chlorotoluene	2.681	2.814	-5.0	105	0.00
80	T	1,3,5-Trimethylbenzene	3.266	3.501	-7.2	105	0.00
81	T	trans-1,4-Dichloro-2-butene	0.303	0.328	-8.3	108	0.00
82	T	4-Chlorotoluene	2.841	2.960	-4.2	104	0.00
83	T	tert-Butylbenzene	2.775	3.027	-9.1	107	0.00
84	T	1,2,4-Trimethylbenzene	3.233	3.522	-8.9	107	0.00
85	T	sec-Butylbenzene	4.035	4.422	-9.6	106	0.00
86	T	p-Isopropyltoluene	3.453	3.716	-7.6	105	0.00
87	T	1,3-Dichlorobenzene	1.914	2.008	-4.9	106	0.00
88	T	1,4-Dichlorobenzene	1.929	2.005	-3.9	106	0.00
89	T	n-Butylbenzene	3.203	3.505	-9.4	107	0.00
90	T	Hexachloroethane	0.688	0.741	-7.7	109	0.00
91	T	1,2-Dichlorobenzene	1.719	1.840	-7.0	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.162	0.192	-18.5	132	0.00
93	T	1,2,4-Trichlorobenzene	1.089	1.135	-4.2	106	0.00
94	T	Hexachlorobutadiene	0.629	0.687	-9.2	109	0.00
95	T	Naphthalene	2.210	2.553	-15.5	119	0.00

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96 T	1,2,3-Trichlorobenzene	0.984	1.052	-6.9	112	0.00

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