Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
Data File : VY014421.D
Acq On : 26 Jun 2023 09:36
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 27 01:42:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 17:18:46 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	97	0.00
2	T	Dichlorodifluoromethane	0.464	0.420	9.5	98	0.00
3	P	Chloromethane	0.454	0.402	11.5	89	0.00
4	C	Vinyl Chloride	0.495	0.458	7.5#	93	0.00
5	T	Bromomethane	0.435	0.398	8.5	96	-0.01
6	T	Chloroethane	0.328	0.315	4.0	95	0.00
7	T	Trichlorofluoromethane	0.977	0.995	-1.8	103	0.00
8	T	Diethyl Ether	0.298	0.274	8.1	90	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.462	0.419	9.3	91	0.00
10	T	Methyl Iodide	0.541	0.529	2.2	84	0.00
11	T	Tert butyl alcohol	0.098	0.080	18.4	93	0.00
12	CM	1,1-Dichloroethene	0.461	0.418	9.3#	90	0.00
13	T	Acrolein	0.076	0.078	-2.6	88	0.00
14	T	Allyl chloride	0.736	0.635	13.7	82	0.00
15	T	Acrylonitrile	0.167	0.156	6.6	89	0.00
16	T	Acetone	0.195	0.228	-16.9	102	0.00
17	T	Carbon Disulfide	1.425	1.264	11.3	85	0.00
18	T	Methyl Acetate	0.672	0.583	13.2	85	0.00
19	T	Methyl tert-butyl Ether	1.417	1.392	1.8	92	0.00
20	T	Methylene Chloride	0.694	0.481	30.7#	82	0.00
21	T	trans-1,2-Dichloroethene	0.506	0.468	7.5	88	0.00
22	T	Diisopropyl ether	1.462	1.281	12.4	82	0.00
23	T	Vinyl Acetate	0.746	0.839	-12.5	100	0.00
24	P	1,1-Dichloroethane	0.868	0.760	12.4	84	0.00
25	T	2-Butanone	0.243	0.246	-1.2	94	0.00
26	T	2,2-Dichloropropane	0.918	0.858	6.5	93	0.00
27	T	cis-1,2-Dichloroethene	0.570	0.512	10.2	86	0.00
28	T	Bromochloromethane	0.379	0.320	15.6	77	0.00
29	T	Tetrahydrofuran	0.145	0.136	6.2	87	0.00
30	C	Chloroform	0.979	0.909	7.2#	89	0.00
31	T	Cyclohexane	0.767	0.643	16.2	85	0.00
32	T	1,1,1-Trichloroethane	0.932	0.907	2.7	94	0.00
33	S	1,2-Dichloroethane-d4	0.621	0.646	-4.0	97	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35	S	Dibromofluoromethane	0.309	0.323	-4.5	91	0.00
36	T	1,1-Dichloropropene	0.476	0.453	4.8	87	0.00
37	T	Ethyl Acetate	0.328	0.317	3.4	87	0.00
38	T	Carbon Tetrachloride	0.599	0.619	-3.3	96	0.00
39	T	Methylcyclohexane	0.548	0.529	3.5	89	0.00
40	TM	Benzene	1.348	1.276	5.3	86	0.00
41	T	Methacrylonitrile	0.163	0.150	8.0	78	0.00
42	TM	1,2-Dichloroethane	0.511	0.517	-1.2	92	0.00
43	T	Isopropyl Acetate	0.579	0.564	2.6	88	0.00
44	TM	Trichloroethene	0.387	0.371	4.1	89	0.00
45	C	1,2-Dichloropropane	0.318	0.286	10.1#	83	0.00
46	T	Dibromomethane	0.217	0.210	3.2	88	0.00
47	T	Bromodichloromethane	0.506	0.494	2.4	88	0.00
48	T	Methyl methacrylate	0.269	0.261	3.0	87	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.004	-33.3#	98	-0.02
50	S	Toluene-d8	1.228	1.284	-4.6	91	0.00
51	T	4-Methyl-2-Pentanone	0.327	0.328	-0.3	89	0.00
52	CM	Toluene	0.868	0.864	0.5#	89	0.00
53	T	t-1,3-Dichloropropene	0.549	0.552	-0.5	89	0.00
54	T	cis-1,3-Dichloropropene	0.566	0.543	4.1	87	0.00
55	T	1,1,2-Trichloroethane	0.291	0.284	2.4	87	0.00
56	T	Ethyl methacrylate	0.415	0.425	-2.4	88	0.00
57	T	1,3-Dichloropropane	0.489	0.477	2.5	87	0.00
58	T	2-Chloroethyl Vinyl ether	0.195	0.196	-0.5	84	0.00
59	T	2-Hexanone	0.246	0.267	-8.5	94	0.00
60	T	Dibromochloromethane	0.386	0.395	-2.3	92	0.00
61	T	1,2-Dibromoethane	0.290	0.290	0.0	89	0.00
62	S	4-Bromofluorobenzene	0.438	0.465	-6.2	91	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64	T	Tetrachloroethene	0.425	0.415	2.4	92	0.00
65	PM	Chlorobenzene	1.027	0.997	2.9	89	0.00
66	T	1,1,1,2-Tetrachloroethane	0.414	0.408	1.4	90	0.00
67	C	Ethyl Benzene	1.829	1.823	0.3#	90	0.00
68	T	m/p-Xylenes	0.714	0.717	-0.4	90	0.00
69	T	o-Xylene	0.680	0.680	0.0	89	0.00
70	T	Styrene	1.165	1.185	-1.7	91	0.00
71	P	Bromoform	0.306	0.319	-4.2	94	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73	T	Isopropylbenzene	3.367	3.232	4.0	92	0.00
74	T	N-amyl acetate	1.066	1.020	4.3	88	0.00
75	P	1,1,2,2-Tetrachloroethane	0.720	0.667	7.4	88	0.00
76	T	1,2,3-Trichloropropane	0.627	0.500	20.3	78	0.00
77	T	Bromobenzene	0.875	0.826	5.6	91	0.00
78	T	n-propylbenzene	4.062	3.865	4.8	90	0.00
79	T	2-Chlorotoluene	2.320	2.208	4.8	90	0.00
80	T	1,3,5-Trimethylbenzene	2.912	2.847	2.2	92	0.00
81	T	trans-1,4-Dichloro-2-butene	0.275	0.269	2.2	92	0.00
82	T	4-Chlorotoluene	2.471	2.332	5.6	89	0.00
83	T	tert-Butylbenzene	2.497	2.491	0.2	95	0.00
84	T	1,2,4-Trimethylbenzene	2.886	2.834	1.8	93	0.00
85	T	sec-Butylbenzene	3.611	3.530	2.2	92	0.00
86	T	p-Isopropyltoluene	3.126	3.115	0.4	94	0.00
87	T	1,3-Dichlorobenzene	1.688	1.640	2.8	92	0.00
88	T	1,4-Dichlorobenzene	1.697	1.635	3.7	93	0.00
89	T	n-Butylbenzene	2.856	2.801	1.9	93	0.00
90	T	Hexachloroethane	0.595	0.561	5.7	90	0.00
91	T	1,2-Dichlorobenzene	1.541	1.510	2.0	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.159	0.167	-5.0	101	0.00
93	T	1,2,4-Trichlorobenzene	1.001	1.011	-1.0	94	0.00
94	T	Hexachlorobutadiene	0.602	0.592	1.7	96	0.00
95	T	Naphthalene	2.153	2.271	-5.5	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.912	0.913	-0.1	95	0.00

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