Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
Data File : VY016914.D
Acq On : 05 Jan 2024 10:24
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 05 22:32:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 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	89	0.01
2	T	Dichlorodifluoromethane	0.403	0.380	5.7	87	0.00
3	P	Chloromethane	0.587	0.601	-2.4	89	0.01
4	C	Vinyl Chloride	0.693	0.726	-4.8#	90	0.01
5	T	Bromomethane	0.496	0.509	-2.6	94	0.01
6	T	Chloroethane	0.469	0.498	-6.2	92	0.01
7	T	Trichlorofluoromethane	0.854	0.897	-5.0	90	0.02
8	T	Diethyl Ether	0.273	0.284	-4.0	87	0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.555	0.584	-5.2	92	0.02
10	T	Methyl Iodide	0.472	0.537	-13.8	90	0.02
11	T	Tert butyl alcohol	0.048	0.033	31.3#	78	0.02
12	CM	1,1-Dichloroethene	0.476	0.514	-8.0#	92	0.02
13	T	Acrolein	0.060	0.046	23.3	78	0.02
14	T	Allyl chloride	0.753	0.825	-9.6	92	0.02
15	T	Acrylonitrile	0.128	0.126	1.6	85	0.02
16	T	Acetone	0.149	0.141	5.4	100	0.01
17	T	Carbon Disulfide	1.138	1.227	-7.8	87	0.02
18	T	Methyl Acetate	0.529	0.587	-11.0	85	0.01
19	T	Methyl tert-butyl Ether	1.239	1.290	-4.1	86	0.02
20	T	Methylene Chloride	0.817	0.618	24.4	83	0.02
21	T	trans-1,2-Dichloroethene	0.545	0.592	-8.6	91	0.01
22	T	Diisopropyl ether	1.741	1.941	-11.5	91	0.02
23	T	Vinyl Acetate	0.798	0.815	-2.1	86	0.02
24	P	1,1-Dichloroethane	1.046	1.138	-8.8	92	0.02
25	T	2-Butanone	0.188	0.178	5.3	90	0.02
26	T	2,2-Dichloropropane	0.907	0.981	-8.2	92	0.02
27	T	cis-1,2-Dichloroethene	0.639	0.710	-11.1	93	0.01
28	T	Bromochloromethane	0.393	0.475	-20.9	94	0.01
29	T	Tetrahydrofuran	0.100	0.098	2.0	81	0.01
30	C	Chloroform	1.078	1.166	-8.2#	92	0.01
31	T	Cyclohexane	0.848	0.879	-3.7	89	0.01
32	T	1,1,1-Trichloroethane	0.914	0.997	-9.1	92	0.01
33	S	1,2-Dichloroethane-d4	0.494	0.481	2.6	85	0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.01
35	S	Dibromofluoromethane	0.319	0.323	-1.3	89	0.02
36	T	1,1-Dichloropropene	0.464	0.510	-9.9	92	0.02
37	T	Ethyl Acetate	0.211	0.206	2.4	82	0.01
38	T	Carbon Tetrachloride	0.472	0.518	-9.7	93	0.01
39	T	Methylcyclohexane	0.522	0.589	-12.8	90	0.02
40	TM	Benzene	1.393	1.521	-9.2	92	0.01
41	T	Methacrylonitrile	0.111	0.120	-8.1	100	0.02
42	TM	1,2-Dichloroethane	0.370	0.389	-5.1	90	0.00
43	T	Isopropyl Acetate	0.404	0.395	2.2	83	0.01
44	TM	Trichloroethene	0.354	0.382	-7.9	90	0.02
45	C	1,2-Dichloropropane	0.359	0.389	-8.4#	91	0.01
46	T	Dibromomethane	0.183	0.189	-3.3	87	0.02
47	T	Bromodichloromethane	0.491	0.527	-7.3	91	0.01
48	T	Methyl methacrylate	0.218	0.222	-1.8	82	0.01

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	84	0.00
50	S	Toluene-d8	1.097	1.146	-4.5	87	0.01
51	T	4-Methyl-2-Pentanone	0.215	0.213	0.9	81	0.01
52	CM	Toluene	0.841	0.945	-12.4#	93	0.01
53	T	t-1,3-Dichloropropene	0.440	0.470	-6.8	88	0.01
54	T	cis-1,3-Dichloropropene	0.529	0.574	-8.5	90	0.01
55	T	1,1,2-Trichloroethane	0.267	0.275	-3.0	87	0.01
56	T	Ethyl methacrylate	0.226	0.238	-5.3	85	0.01
57	T	1,3-Dichloropropane	0.446	0.471	-5.6	89	0.01
58	T	2-Chloroethyl Vinyl ether	0.129	0.144	-11.6	88	0.02
59	T	2-Hexanone	0.158	0.157	0.6	86	0.01
60	T	Dibromochloromethane	0.308	0.325	-5.5	88	0.01
61	T	1,2-Dibromoethane	0.232	0.247	-6.5	88	0.01
62	S	4-Bromofluorobenzene	0.370	0.365	1.4	86	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.01
64	T	Tetrachloroethene	0.324	0.354	-9.3	92	0.01
65	PM	Chlorobenzene	1.042	1.149	-10.3	93	0.01
66	T	1,1,1,2-Tetrachloroethane	0.396	0.435	-9.8	91	0.01
67	C	Ethyl Benzene	1.875	2.142	-14.2#	92	0.02
68	T	m/p-Xylenes	0.688	0.787	-14.4	92	0.01
69	T	o-Xylene	0.645	0.742	-15.0	92	0.01
70	T	Styrene	0.939	1.080	-15.0	90	0.02
71	P	Bromoform	0.195	0.203	-4.1	85	0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.01
73	T	Isopropylbenzene	4.083	4.647	-13.8	92	0.01
74	T	N-amyl acetate	0.820	0.841	-2.6	84	0.01
75	P	1,1,2,2-Tetrachloroethane	0.832	0.836	-0.5	87	0.00
76	T	1,2,3-Trichloropropane	0.543	0.614	-13.1	86	0.01
77	T	Bromobenzene	0.899	0.974	-8.3	92	0.01
78	T	n-propylbenzene	4.964	5.670	-14.2	92	0.01
79	T	2-Chlorotoluene	2.753	3.071	-11.6	92	0.01
80	T	1,3,5-Trimethylbenzene	3.229	3.688	-14.2	92	0.02
81	T	trans-1,4-Dichloro-2-butene	0.239	0.241	-0.8	87	0.01
82	T	4-Chlorotoluene	2.812	3.120	-11.0	92	0.01
83	T	tert-Butylbenzene	2.844	3.213	-13.0	93	0.01
84	T	1,2,4-Trimethylbenzene	3.180	3.675	-15.6	93	0.01
85	T	sec-Butylbenzene	4.214	4.879	-15.8	94	0.01
86	T	p-Isopropyltoluene	3.478	3.994	-14.8	92	0.01
87	T	1,3-Dichlorobenzene	1.763	1.925	-9.2	92	0.01
88	T	1,4-Dichlorobenzene	1.724	1.856	-7.7	91	0.01
89	T	n-Butylbenzene	3.344	3.904	-16.7	94	0.01
90	T	Hexachloroethane	0.747	0.821	-9.9	93	0.01
91	T	1,2-Dichlorobenzene	1.524	1.655	-8.6	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.104	0.098	5.8	84	0.01
93	T	1,2,4-Trichlorobenzene	0.757	0.871	-15.1	92	0.01
94	T	Hexachlorobutadiene	0.474	0.530	-11.8	93	0.01
95	T	Naphthalene	1.345	1.503	-11.7	87	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.642	0.713	-11.1	89	0.01

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