Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
Data File : VY017840.D
Acq On : 04 Apr 2024 08:58
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 05 00:41:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 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	61	0.01
2	T	Dichlorodifluoromethane	0.334	0.329	1.5	74	0.02
3	P	Chloromethane	0.653	0.604	7.5	64	0.02
4	C	Vinyl Chloride	0.853	0.906	-6.2#	74	0.02
5	T	Bromomethane	0.690	0.776	-12.5	83	0.02
6	T	Chloroethane	0.556	0.662	-19.1	83	0.02
7	T	Trichlorofluoromethane	0.832	0.768	7.7	66	0.02
8	T	Diethyl Ether	0.244	0.202	17.2	58	0.03
9	T	1,1,2-Trichlorotrifluoroeth	0.499	0.462	7.4	66	0.02
10	T	Methyl Iodide	0.542	0.537	0.9	64	0.03
11	T	Tert butyl alcohol	0.044	0.022	50.0#	46#	0.02
12	CM	1,1-Dichloroethene	0.467	0.432	7.5#	65	0.03
13	T	Acrolein	0.030	0.028	6.7	62	0.03
14	T	Allyl chloride	0.573	0.477	16.8	57	0.02
15	T	Acrylonitrile	0.103	0.080	22.3	53	0.02
16	T	Acetone	0.089	0.077	13.5	58	0.02
17	T	Carbon Disulfide	1.321	1.171	11.4	57	0.02
18	T	Methyl Acetate	0.198	0.146	26.3#	52	0.02
19	T	Methyl tert-butyl Ether	1.069	0.944	11.7	61	0.02
20	T	Methylene Chloride	0.662	0.472	28.7#	58	0.02
21	T	trans-1,2-Dichloroethene	0.499	0.474	5.0	65	0.02
22	T	Diisopropyl ether	1.324	1.153	12.9	60	0.02
23	T	Vinyl Acetate	0.808	0.693	14.2	58	0.02
24	P	1,1-Dichloroethane	0.878	0.820	6.6	66	0.03
25	T	2-Butanone	0.127	0.102	19.7	55	0.02
26	T	2,2-Dichloropropane	0.759	0.729	4.0	70	0.02
27	T	cis-1,2-Dichloroethene	0.590	0.557	5.6	65	0.02
28	T	Bromochloromethane	0.357	0.316	11.5	52	0.02
29	T	Tetrahydrofuran	0.076	0.056	26.3#	50#	0.02
30	C	Chloroform	0.911	0.884	3.0#	69	0.02
31	T	Cyclohexane	0.762	0.650	14.7	61	0.02
32	T	1,1,1-Trichloroethane	0.776	0.768	1.0	70	0.02
33	S	1,2-Dichloroethane-d4	0.433	0.437	-0.9	68	0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	61	0.02
35	S	Dibromofluoromethane	0.289	0.306	-5.9	69	0.02
36	T	1,1-Dichloropropene	0.422	0.401	5.0	64	0.02
37	T	Ethyl Acetate	0.182	0.142	22.0	55	0.02
38	T	Carbon Tetrachloride	0.438	0.436	0.5	69	0.01
39	T	Methylcyclohexane	0.527	0.499	5.3	63	0.01
40	TM	Benzene	1.299	1.227	5.5	65	0.02
41	T	Methacrylonitrile	0.108	0.089	17.6	53	0.02
42	TM	1,2-Dichloroethane	0.320	0.300	6.3	64	0.02
43	T	Isopropyl Acetate	0.330	0.274	17.0	58	0.01
44	TM	Trichloroethene	0.338	0.315	6.8	64	0.02
45	C	1,2-Dichloropropane	0.302	0.274	9.3#	63	0.01
46	T	Dibromomethane	0.172	0.160	7.0	64	0.02
47	T	Bromodichloromethane	0.433	0.417	3.7	67	0.01
48	T	Methyl methacrylate	0.146	0.120	17.8	55	0.01

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	54	0.02
50	S	Toluene-d8	1.079	1.157	-7.2	69	0.01
51	T	4-Methyl-2-Pentanone	0.175	0.141	19.4	54	0.01
52	CM	Toluene	0.788	0.770	2.3#	67	0.01
53	T	t-1,3-Dichloropropene	0.385	0.358	7.0	64	0.00
54	T	cis-1,3-Dichloropropene	0.470	0.439	6.6	64	0.01
55	T	1,1,2-Trichloroethane	0.229	0.206	10.0	64	0.01
56	T	Ethyl methacrylate	0.290	0.254	12.4	57	0.01
57	T	1,3-Dichloropropane	0.387	0.347	10.3	62	0.01
58	T	2-Chloroethyl Vinyl ether	0.152	0.143	5.9	55	0.01
59	T	2-Hexanone	0.120	0.101	15.8	54	0.01
60	T	Dibromochloromethane	0.288	0.263	8.7	64	0.01
61	T	1,2-Dibromoethane	0.208	0.185	11.1	61	0.01
62	S	4-Bromofluorobenzene	0.328	0.336	-2.4	67	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	61	0.01
64	T	Tetrachloroethene	0.436	0.407	6.7	64	0.00
65	PM	Chlorobenzene	1.026	0.968	5.7	66	0.01
66	T	1,1,1,2-Tetrachloroethane	0.348	0.334	4.0	67	0.01
67	C	Ethyl Benzene	1.763	1.744	1.1#	68	0.01
68	T	m/p-Xylenes	0.669	0.663	0.9	68	0.01
69	T	o-Xylene	0.621	0.619	0.3	68	0.01
70	T	Styrene	1.047	1.049	-0.2	67	0.01
71	P	Bromoform	0.193	0.168	13.0	60	0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	57	0.00
73	T	Isopropylbenzene	3.504	3.611	-3.1	69	0.01
74	T	N-amyl acetate	0.702	0.587	16.4	53	0.01
75	P	1,1,2,2-Tetrachloroethane	0.606	0.531	12.4	60	0.01
76	T	1,2,3-Trichloropropane	0.456	0.452	0.9	65	0.01
77	T	Bromobenzene	0.835	0.786	5.9	65	0.01
78	T	n-propylbenzene	4.276	4.374	-2.3	67	0.01
79	T	2-Chlorotoluene	2.342	2.299	1.8	66	0.01
80	T	1,3,5-Trimethylbenzene	2.735	2.784	-1.8	67	0.01
81	T	trans-1,4-Dichloro-2-butene	0.206	0.179	13.1	56	0.01
82	T	4-Chlorotoluene	2.425	2.326	4.1	64	0.01
83	T	tert-Butylbenzene	2.486	2.577	-3.7	70	0.01
84	T	1,2,4-Trimethylbenzene	2.724	2.748	-0.9	67	0.01
85	T	sec-Butylbenzene	3.732	3.896	-4.4	69	0.01
86	T	p-Isopropyltoluene	3.119	3.228	-3.5	69	0.01
87	T	1,3-Dichlorobenzene	1.656	1.606	3.0	67	0.01
88	T	1,4-Dichlorobenzene	1.585	1.531	3.4	66	0.01
89	T	n-Butylbenzene	2.870	3.014	-5.0	69	0.01
90	T	Hexachloroethane	0.620	0.631	-1.8	70	0.01
91	T	1,2-Dichlorobenzene	1.373	1.306	4.9	63	0.01
92	T	1,2-Dibromo-3-Chloropropane	0.082	0.066	19.5	55	0.01
93	T	1,2,4-Trichlorobenzene	0.752	0.707	6.0	60	0.01
94	T	Hexachlorobutadiene	0.456	0.440	3.5	65	0.01
95	T	Naphthalene	1.246	1.092	12.4	54	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.635	0.567	10.7	57	0.02

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