Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012523\
Data File : VY012352.D
Acq On : 25 Jan 2023 09:46
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 26 04:01:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 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	88	0.00
2	T	Dichlorodifluoromethane	0.437	0.380	13.0	89	0.00
3	P	Chloromethane	0.403	0.349	13.4	83	0.00
4	C	Vinyl Chloride	0.471	0.439	6.8#	88	0.00
5	T	Bromomethane	0.364	0.343	5.8	90	0.00
6	T	Chloroethane	0.307	0.294	4.2	90	0.00
7	T	Trichlorofluoromethane	0.919	0.929	-1.1	97	0.00
8	T	Diethyl Ether	0.273	0.253	7.3	85	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.447	0.451	-0.9	97	0.00
10	T	Methyl Iodide	0.680	0.617	9.3	79	0.00
11	T	Tert butyl alcohol	0.057	0.042	26.3#	80	0.01
12	CM	1,1-Dichloroethene	0.459	0.450	2.0#	90	0.00
13	T	Acrolein	0.023	0.012	47.8#	64	0.00
14	T	Allyl chloride	0.568	0.528	7.0	85	0.00
15	T	Acrylonitrile	0.119	0.115	3.4	86	0.00
16	T	Acetone	0.139	0.136	2.2	77	0.00
17	T	Carbon Disulfide	1.420	1.317	7.3	86	0.00
18	T	Methyl Acetate	0.312	0.289	7.4	84	0.00
19	T	Methyl tert-butyl Ether	1.280	1.257	1.8	86	0.00
20	T	Methylene Chloride	0.762	0.515	32.4#	79	0.00
21	T	trans-1,2-Dichloroethene	0.512	0.512	0.0	91	0.00
22	T	Diisopropyl ether	1.132	1.103	2.6	88	0.00
23	T	Vinyl Acetate	0.705	0.684	3.0	85	0.00
24	P	1,1-Dichloroethane	0.785	0.777	1.0	90	0.00
25	T	2-Butanone	0.154	0.148	3.9	82	0.00
26	T	2,2-Dichloropropane	0.852	0.856	-0.5	92	0.00
27	T	cis-1,2-Dichloroethene	0.563	0.560	0.5	89	0.00
28	T	Bromochloromethane	0.171	0.153	10.5	84	0.00
29	T	Tetrahydrofuran	0.084	0.081	3.6	83	0.00
30	C	Chloroform	0.927	0.961	-3.7#	94	0.00
31	T	Cyclohexane	0.729	0.684	6.2	95	0.00
32	T	1,1,1-Trichloroethane	0.918	0.958	-4.4	95	0.00
33	S	1,2-Dichloroethane-d4	0.465	0.404	13.1	86	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35	S	Dibromofluoromethane	0.265	0.245	7.5	86	0.00
36	T	1,1-Dichloropropene	0.450	0.467	-3.8	93	0.00
37	T	Ethyl Acetate	0.198	0.188	5.1	81	0.00
38	T	Carbon Tetrachloride	0.581	0.626	-7.7	96	0.00
39	T	Methylcyclohexane	0.550	0.590	-7.3	97	0.00
40	TM	Benzene	1.299	1.347	-3.7	92	0.00
41	T	Methacrylonitrile	0.117	0.114	2.6	80	-0.01
42	TM	1,2-Dichloroethane	0.413	0.442	-7.0	92	0.00
43	T	Isopropyl Acetate	0.369	0.363	1.6	83	0.00
44	TM	Trichloroethene	0.388	0.407	-4.9	93	0.00
45	C	1,2-Dichloropropane	0.271	0.278	-2.6#	90	0.00
46	T	Dibromomethane	0.181	0.190	-5.0	90	0.00
47	T	Bromodichloromethane	0.457	0.484	-5.9	92	0.00
48	T	Methyl methacrylate	0.170	0.168	1.2	81	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	82	0.00
50	S	Toluene-d8	1.044	0.908	13.0	87	0.00
51	T	4-Methyl-2-Pentanone	0.197	0.199	-1.0	85	0.00
52	CM	Toluene	0.865	0.926	-7.1#	94	0.00
53	T	t-1,3-Dichloropropene	0.478	0.495	-3.6	88	0.00
54	T	cis-1,3-Dichloropropene	0.514	0.532	-3.5	89	0.00
55	T	1,1,2-Trichloroethane	0.258	0.276	-7.0	92	0.00
56	T	Ethyl methacrylate	0.338	0.357	-5.6	88	0.00
57	T	1,3-Dichloropropane	0.421	0.440	-4.5	90	0.00
58	T	2-Chloroethyl Vinyl ether	0.112	0.106	5.4	83	0.00
59	T	2-Hexanone	0.150	0.155	-3.3	83	0.00
60	T	Dibromochloromethane	0.342	0.365	-6.7	90	0.00
61	T	1,2-Dibromoethane	0.249	0.258	-3.6	89	0.00
62	S	4-Bromofluorobenzene	0.373	0.357	4.3	91	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64	T	Tetrachloroethene	0.456	0.513	-12.5	99	0.00
65	PM	Chlorobenzene	1.023	1.067	-4.3	94	0.00
66	T	1,1,1,2-Tetrachloroethane	0.386	0.413	-7.0	93	0.00
67	C	Ethyl Benzene	1.828	1.934	-5.8#	94	0.00
68	T	m/p-Xylenes	0.723	0.775	-7.2	95	0.00
69	T	o-Xylene	0.690	0.732	-6.1	94	0.00
70	T	Styrene	1.154	1.261	-9.3	96	0.00
71	P	Bromoform	0.247	0.260	-5.3	91	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73	T	Isopropylbenzene	3.605	3.808	-5.6	97	0.00
74	T	N-amyl acetate	0.707	0.658	6.9	82	0.00
75	P	1,1,2,2-Tetrachloroethane	0.568	0.555	2.3	88	0.00
76	T	1,2,3-Trichloropropane	0.460	0.406	11.7	72	0.00
77	T	Bromobenzene	0.868	0.882	-1.6	93	0.00
78	T	n-propylbenzene	4.219	4.411	-4.6	98	0.00
79	T	2-Chlorotoluene	2.385	2.437	-2.2	95	0.00
80	T	1,3,5-Trimethylbenzene	3.134	3.319	-5.9	99	0.00
81	T	trans-1,4-Dichloro-2-butene	0.223	0.221	0.9	88	0.00
82	T	4-Chlorotoluene	2.506	2.527	-0.8	94	0.00
83	T	tert-Butylbenzene	2.732	2.899	-6.1	101	0.00
84	T	1,2,4-Trimethylbenzene	3.091	3.266	-5.7	97	0.00
85	T	sec-Butylbenzene	3.889	4.103	-5.5	99	0.00
86	T	p-Isopropyltoluene	3.398	3.591	-5.7	99	0.00
87	T	1,3-Dichlorobenzene	1.725	1.774	-2.8	95	0.00
88	T	1,4-Dichlorobenzene	1.721	1.748	-1.6	95	0.00
89	T	n-Butylbenzene	2.945	3.083	-4.7	99	0.00
90	T	Hexachloroethane	0.613	0.633	-3.3	98	0.00
91	T	1,2-Dichlorobenzene	1.540	1.558	-1.2	94	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.117	0.119	-1.7	92	0.00
93	T	1,2,4-Trichlorobenzene	0.987	0.990	-0.3	95	0.00
94	T	Hexachlorobutadiene	0.594	0.620	-4.4	102	0.00
95	T	Naphthalene	1.947	1.938	0.5	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.849	0.860	-1.3	96	0.00

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