Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
Data File : VY013165.D
Acq On : 03 Apr 2023 10:21
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: Apr 03 23:04:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 03 13:40:57 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	98	0.00
2	T	Dichlorodifluoromethane	0.490	0.459	6.3	94	0.00
3	P	Chloromethane	0.511	0.410	19.8	83	0.00
4	C	Vinyl Chloride	0.512	0.427	16.6#	85	0.00
5	T	Bromomethane	0.362	0.319	11.9	92	0.00
6	T	Chloroethane	0.321	0.275	14.3	88	0.00
7	T	Trichlorofluoromethane	0.912	0.884	3.1	96	0.00
8	T	Diethyl Ether	0.286	0.273	4.5	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.503	0.469	6.8	95	0.00
10	T	Methyl Iodide	0.655	0.684	-4.4	98	0.00
11	T	Tert butyl alcohol	0.048	0.044	8.3	94	0.00
12	CM	1,1-Dichloroethene	0.486	0.465	4.3#	95	0.00
13	T	Acrolein	0.068	0.061	10.3	89	0.00
14	T	Allyl chloride	0.828	0.748	9.7	91	0.00
15	T	Acrylonitrile	0.142	0.128	9.9	86	0.00
16	T	Acetone	0.164	0.185	-12.8	96	0.00
17	T	Carbon Disulfide	1.619	1.453	10.3	90	0.00
18	T	Methyl Acetate	0.518	0.456	12.0	85	0.00
19	T	Methyl tert-butyl Ether	1.232	1.224	0.6	95	0.00
20	T	Methylene Chloride	0.690	0.539	21.9	91	0.00
21	T	trans-1,2-Dichloroethene	0.548	0.521	4.9	94	0.00
22	T	Diisopropyl ether	1.618	1.455	10.1	86	0.00
23	T	Vinyl Acetate	0.920	0.845	8.2	85	0.00
24	P	1,1-Dichloroethane	0.958	0.875	8.7	92	0.00
25	T	2-Butanone	0.205	0.202	1.5	89	0.00
26	T	2,2-Dichloropropane	0.862	0.831	3.6	97	0.00
27	T	cis-1,2-Dichloroethene	0.590	0.574	2.7	94	0.00
28	T	Bromochloromethane	0.411	0.366	10.9	85	0.00
29	T	Tetrahydrofuran	0.122	0.106	13.1	80	0.00
30	C	Chloroform	0.992	0.931	6.1#	95	0.00
31	T	Cyclohexane	0.877	0.752	14.3	86	0.00
32	T	1,1,1-Trichloroethane	0.877	0.868	1.0	97	0.00
33	S	1,2-Dichloroethane-d4	0.537	0.490	8.8	93	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35	S	Dibromofluoromethane	0.327	0.321	1.8	92	0.00
36	T	1,1-Dichloropropene	0.492	0.487	1.0	91	0.00
37	T	Ethyl Acetate	0.279	0.250	10.4	80	0.00
38	T	Carbon Tetrachloride	0.543	0.569	-4.8	99	0.00
39	T	Methylcyclohexane	0.577	0.581	-0.7	90	0.00
40	TM	Benzene	1.420	1.396	1.7	92	0.00
41	T	Methacrylonitrile	0.124	0.107	13.7	79	0.00
42	TM	1,2-Dichloroethane	0.435	0.431	0.9	94	0.00
43	T	Isopropyl Acetate	0.500	0.475	5.0	84	0.00
44	TM	Trichloroethene	0.391	0.397	-1.5	95	0.00
45	C	1,2-Dichloropropane	0.356	0.333	6.5#	88	0.00
46	T	Dibromomethane	0.204	0.204	0.0	93	0.00
47	T	Bromodichloromethane	0.493	0.494	-0.2	94	0.00
48	T	Methyl methacrylate	0.233	0.221	5.2	83	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.003	-50.0#	89	0.00
50	S	Toluene-d8	1.233	1.239	-0.5	93	0.00
51	T	4-Methyl-2-Pentanone	0.270	0.257	4.8	83	0.00
52	CM	Toluene	0.881	0.893	-1.4#	93	0.00
53	T	t-1,3-Dichloropropene	0.504	0.510	-1.2	92	0.00
54	T	cis-1,3-Dichloropropene	0.575	0.569	1.0	92	0.00
55	T	1,1,2-Trichloroethane	0.282	0.284	-0.7	94	0.00
56	T	Ethyl methacrylate	0.355	0.368	-3.7	90	0.00
57	T	1,3-Dichloropropane	0.477	0.468	1.9	90	0.00
58	T	2-Chloroethyl Vinyl ether	0.166	0.153	7.8	84	0.00
59	T	2-Hexanone	0.195	0.208	-6.7	89	0.00
60	T	Dibromochloromethane	0.355	0.370	-4.2	96	0.00
61	T	1,2-Dibromoethane	0.274	0.273	0.4	94	0.00
62	S	4-Bromofluorobenzene	0.401	0.406	-1.2	94	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64	T	Tetrachloroethene	0.384	0.404	-5.2	98	0.00
65	PM	Chlorobenzene	1.061	1.073	-1.1	95	0.00
66	T	1,1,1,2-Tetrachloroethane	0.398	0.414	-4.0	98	0.00
67	C	Ethyl Benzene	1.833	1.907	-4.0#	94	0.00
68	T	m/p-Xylenes	0.709	0.750	-5.8	94	0.00
69	T	o-Xylene	0.658	0.711	-8.1	97	0.00
70	T	Styrene	1.100	1.206	-9.6	98	0.00
71	P	Bromoform	0.247	0.273	-10.5	100	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73	T	Isopropylbenzene	3.451	3.630	-5.2	95	0.00
74	T	N-amyl acetate	0.948	0.922	2.7	86	0.00
75	P	1,1,2,2-Tetrachloroethane	0.723	0.695	3.9	88	0.00
76	T	1,2,3-Trichloropropane	0.562	0.472	16.0	76	0.00
77	T	Bromobenzene	0.858	0.895	-4.3	97	0.00
78	T	n-propylbenzene	4.244	4.304	-1.4	92	0.00
79	T	2-Chlorotoluene	2.408	2.423	-0.6	94	0.00
80	T	1,3,5-Trimethylbenzene	2.886	3.032	-5.1	95	0.00
81	T	trans-1,4-Dichloro-2-butene	0.252	0.249	1.2	88	0.00
82	T	4-Chlorotoluene	2.506	2.529	-0.9	94	0.00
83	T	tert-Butylbenzene	2.478	2.633	-6.3	95	0.00
84	T	1,2,4-Trimethylbenzene	2.826	2.991	-5.8	95	0.00
85	T	sec-Butylbenzene	3.742	3.895	-4.1	94	0.00
86	T	p-Isopropyltoluene	3.081	3.290	-6.8	97	0.00
87	T	1,3-Dichlorobenzene	1.701	1.755	-3.2	98	0.00
88	T	1,4-Dichlorobenzene	1.705	1.750	-2.6	99	0.00
89	T	n-Butylbenzene	2.880	2.941	-2.1	93	0.00
90	T	Hexachloroethane	0.642	0.644	-0.3	96	0.00
91	T	1,2-Dichlorobenzene	1.519	1.559	-2.6	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.120	0.117	2.5	91	0.00
93	T	1,2,4-Trichlorobenzene	0.886	0.979	-10.5	99	0.00
94	T	Hexachlorobutadiene	0.545	0.581	-6.6	98	0.00
95	T	Naphthalene	1.657	1.898	-14.5	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.781	0.866	-10.9	98	0.00

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