Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092722\
Data File : VY010686.D
Acq On : 27 Sep 2022 10:26
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: Sep 28 01:23:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 01:02:44 2022
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	80	0.00
2	T	Dichlorodifluoromethane	0.279	0.202	27.6#	75	0.00
3	P	Chloromethane	0.391	0.323	17.4	79	0.00
4	C	Vinyl Chloride	0.490	0.403	17.8#	75	0.01
5	T	Bromomethane	0.350	0.270	22.9	74	0.00
6	T	Chloroethane	0.352	0.296	15.9	77	0.00
7	T	Trichlorofluoromethane	0.657	0.583	11.3	80	0.01
8	T	Diethyl Ether	0.225	0.212	5.8	82	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.395	0.370	6.3	81	0.01
10	T	Methyl Iodide	0.457	0.382	16.4	72	0.00
11	T	Tert butyl alcohol	0.049	0.046	6.1	95	0.00
12	CM	1,1-Dichloroethene	0.353	0.306	13.3#	77	0.00
13	T	Acrolein	0.022	0.024	-9.1	100	0.00
14	T	Allyl chloride	0.532	0.544	-2.3	90	0.00
15	T	Acrylonitrile	0.117	0.135	-15.4	99	0.00
16	T	Acetone	0.098	0.123	-25.5#	100	0.00
17	T	Carbon Disulfide	0.788	0.566	28.2#	70	0.01
18	T	Methyl Acetate	0.316	0.309	2.2	99	0.00
19	T	Methyl tert-butyl Ether	1.101	1.130	-2.6	87	0.00
20	T	Methylene Chloride	0.785	0.435	44.6#	67	0.00
21	T	trans-1,2-Dichloroethene	0.397	0.348	12.3	77	0.00
22	T	Diisopropyl ether	1.257	1.407	-11.9	95	0.00
23	T	Vinyl Acetate	0.742	0.872	-17.5	95	0.00
24	P	1,1-Dichloroethane	0.754	0.774	-2.7	88	0.00
25	T	2-Butanone	0.153	0.182	-19.0	101	0.00
26	T	2,2-Dichloropropane	0.725	0.723	0.3	86	0.00
27	T	cis-1,2-Dichloroethene	0.495	0.476	3.8	83	0.00
28	T	Bromochloromethane	0.301	0.398	-32.2#	88	0.00
29	T	Tetrahydrofuran	0.094	0.109	-16.0	100	0.00
30	C	Chloroform	0.816	0.832	-2.0#	87	0.00
31	T	Cyclohexane	0.617	0.524	15.1	82	0.00
32	T	1,1,1-Trichloroethane	0.726	0.707	2.6	82	0.00
33	S	1,2-Dichloroethane-d4	0.478	0.500	-4.6	82	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
35	S	Dibromofluoromethane	0.319	0.290	9.1	80	0.00
36	T	1,1-Dichloropropene	0.356	0.327	8.1	82	0.00
37	T	Ethyl Acetate	0.205	0.229	-11.7	97	0.00
38	T	Carbon Tetrachloride	0.409	0.379	7.3	81	0.00
39	T	Methylcyclohexane	0.416	0.347	16.6	77	0.00
40	TM	Benzene	1.060	1.009	4.8	85	0.00
41	T	Methacrylonitrile	0.105	0.135	-28.6#	109	0.01
42	TM	1,2-Dichloroethane	0.326	0.323	0.9	87	0.00
43	T	Isopropyl Acetate	0.376	0.418	-11.2	96	0.00
44	TM	Trichloroethene	0.303	0.270	10.9	79	0.00
45	C	1,2-Dichloropropane	0.274	0.280	-2.2#	89	0.00
46	T	Dibromomethane	0.161	0.157	2.5	85	0.00
47	T	Bromodichloromethane	0.398	0.407	-2.3	87	0.00
48	T	Methyl methacrylate	0.166	0.189	-13.9	96	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	85	0.00
50	S	Toluene-d8	1.087	1.136	-4.5	79	0.00
51	T	4-Methyl-2-Pentanone	0.213	0.251	-17.8	101	0.00
52	CM	Toluene	0.694	0.656	5.5#	83	0.00
53	T	t-1,3-Dichloropropene	0.402	0.407	-1.2	88	0.00
54	T	cis-1,3-Dichloropropene	0.448	0.444	0.9	85	0.00
55	T	1,1,2-Trichloroethane	0.237	0.240	-1.3	88	0.00
56	T	Ethyl methacrylate	0.307	0.320	-4.2	87	0.00
57	T	1,3-Dichloropropane	0.392	0.399	-1.8	88	0.00
58	T	2-Chloroethyl Vinyl ether	0.155	0.176	-13.5	85	0.00
59	T	2-Hexanone	0.144	0.174	-20.8	100	0.00
60	T	Dibromochloromethane	0.290	0.292	-0.7	86	0.00
61	T	1,2-Dibromoethane	0.222	0.213	4.1	84	0.00
62	S	4-Bromofluorobenzene	0.474	0.380	19.8	78	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64	T	Tetrachloroethene	0.334	0.284	15.0	76	0.00
65	PM	Chlorobenzene	0.865	0.814	5.9	83	0.00
66	T	1,1,1,2-Tetrachloroethane	0.337	0.327	3.0	82	0.00
67	C	Ethyl Benzene	1.518	1.452	4.3#	84	0.00
68	T	m/p-Xylenes	0.588	0.553	6.0	83	0.00
69	T	o-Xylene	0.573	0.540	5.8	82	0.00
70	T	Styrene	0.974	0.953	2.2	85	0.00
71	P	Bromoform	0.209	0.207	1.0	86	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.00
73	T	Isopropylbenzene	3.090	2.965	4.0	83	0.00
74	T	N-amyl acetate	0.749	0.839	-12.0	94	0.00
75	P	1,1,2,2-Tetrachloroethane	0.630	0.653	-3.7	91	0.00
76	T	1,2,3-Trichloropropane	0.477	0.506	-6.1	99	0.00
77	T	Bromobenzene	0.735	0.684	6.9	81	0.00
78	T	n-propylbenzene	3.681	3.613	1.8	85	0.00
79	T	2-Chlorotoluene	2.097	2.027	3.3	84	0.00
80	T	1,3,5-Trimethylbenzene	2.611	2.496	4.4	83	0.00
81	T	trans-1,4-Dichloro-2-butene	0.215	0.224	-4.2	92	0.00
82	T	4-Chlorotoluene	2.166	2.106	2.8	85	0.00
83	T	tert-Butylbenzene	2.335	2.238	4.2	82	0.00
84	T	1,2,4-Trimethylbenzene	2.594	2.513	3.1	84	0.00
85	T	sec-Butylbenzene	3.420	3.327	2.7	83	0.00
86	T	p-Isopropyltoluene	2.858	2.774	2.9	82	0.00
87	T	1,3-Dichlorobenzene	1.492	1.405	5.8	82	0.00
88	T	1,4-Dichlorobenzene	1.477	1.395	5.6	82	0.00
89	T	n-Butylbenzene	2.624	2.609	0.6	85	0.00
90	T	Hexachloroethane	0.549	0.537	2.2	84	0.00
91	T	1,2-Dichlorobenzene	1.329	1.271	4.4	82	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.105	0.108	-2.9	89	0.00
93	T	1,2,4-Trichlorobenzene	0.811	0.734	9.5	74	0.00
94	T	Hexachlorobutadiene	0.493	0.432	12.4	73	0.00
95	T	Naphthalene	1.634	1.568	4.0	78	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.706	0.643	8.9	74	0.00

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