Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
Data File : VY009736.D
Acq On : 27 Jul 2022 19:46
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 28 02:47:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 27 04:24:58 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	86	0.00
2	T	Dichlorodifluoromethane	0.445	0.409	8.1	85	0.00
3	P	Chloromethane	0.545	0.566	-3.9	89	0.00
4	C	Vinyl Chloride	0.608	0.644	-5.9#	91	0.00
5	T	Bromomethane	0.422	0.446	-5.7	91	0.00
6	T	Chloroethane	0.364	0.392	-7.7	91	0.00
7	T	Trichlorofluoromethane	0.803	0.788	1.9	86	0.00
8	T	Diethyl Ether	0.260	0.264	-1.5	88	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.454	0.440	3.1	84	0.00
10	T	Methyl Iodide	0.590	0.599	-1.5	81	0.00
11	T	Tert butyl alcohol	0.053	0.050	5.7	93	0.00
12	CM	1,1-Dichloroethene	0.427	0.427	0.0	85	0.00
13	T	Acrolein	0.009	0.007	22.2	82	0.00
14	T	Allyl chloride	0.672	0.665	1.0	86	0.00
15	T	Acrylonitrile	0.125	0.135	-8.0	92	0.00
16	T	Acetone	0.120	0.103	14.2	63	0.00
17	T	Carbon Disulfide	1.314	1.316	-0.2	84	0.00
18	T	Methyl Acetate	0.347	0.322	7.2	94	0.00
19	T	Methyl tert-butyl Ether	1.166	1.246	-6.9	89	0.00
20	T	Methylene Chloride	0.789	0.543	31.2#	83	0.00
21	T	trans-1,2-Dichloroethene	0.496	0.500	-0.8	86	0.00
22	T	Diisopropyl ether	1.430	1.507	-5.4	89	0.00
23	T	Vinyl Acetate	0.886	0.997	-12.5	90	0.00
24	P	1,1-Dichloroethane	0.829	0.840	-1.3	88	0.00
25	T	2-Butanone	0.176	0.160	9.1	72	0.00
26	T	2,2-Dichloropropane	0.788	0.710	9.9	80	0.00
27	T	cis-1,2-Dichloroethene	0.557	0.549	1.4	85	0.00
28	T	Bromochloromethane	0.299	0.273	8.7	80	0.00
29	T	Tetrahydrofuran	0.112	0.104	7.1	77	0.00
30	C	Chloroform	0.867	0.837	3.5#	84	0.00
31	T	Cyclohexane	0.796	0.661	17.0	73	0.00
32	T	1,1,1-Trichloroethane	0.778	0.759	2.4	84	0.00
33	S	1,2-Dichloroethane-d4	0.384	0.336	12.5	90	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35	S	Dibromofluoromethane	0.272	0.247	9.2	87	0.00
36	T	1,1-Dichloropropene	0.442	0.419	5.2	81	0.00
37	T	Ethyl Acetate	0.262	0.236	9.9	78	0.00
38	T	Carbon Tetrachloride	0.474	0.467	1.5	86	0.00
39	T	Methylcyclohexane	0.548	0.527	3.8	80	0.00
40	TM	Benzene	1.311	1.232	6.0	82	0.00
41	T	Methacrylonitrile	0.134	0.123	8.2	79	0.00
42	TM	1,2-Dichloroethane	0.366	0.370	-1.1	88	0.00
43	T	Isopropyl Acetate	0.458	0.466	-1.7	86	0.00
44	TM	Trichloroethene	0.376	0.366	2.7	85	0.00
45	C	1,2-Dichloropropane	0.318	0.305	4.1#	83	0.00
46	T	Dibromomethane	0.189	0.190	-0.5	86	0.00
47	T	Bromodichloromethane	0.435	0.424	2.5	83	0.00
48	T	Methyl methacrylate	0.201	0.199	1.0	82	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.003	-50.0#	97	0.00
50	S	Toluene-d8	0.911	0.729	20.0	91	0.00
51	T	4-Methyl-2-Pentanone	0.233	0.229	1.7	87	0.00
52	CM	Toluene	0.821	0.791	3.7#	88	0.00
53	T	t-1,3-Dichloropropene	0.449	0.441	1.8	88	0.00
54	T	cis-1,3-Dichloropropene	0.516	0.487	5.6	79	0.00
55	T	1,1,2-Trichloroethane	0.268	0.258	3.7	89	0.00
56	T	Ethyl methacrylate	0.334	0.347	-3.9	90	0.00
57	T	1,3-Dichloropropane	0.436	0.419	3.9	89	0.00
58	T	2-Chloroethyl Vinyl ether	0.145	0.164	-13.1	84	0.00
59	T	2-Hexanone	0.166	0.159	4.2	81	0.00
60	T	Dibromochloromethane	0.324	0.333	-2.8	95	0.00
61	T	1,2-Dibromoethane	0.261	0.268	-2.7	94	0.00
62	S	4-Bromofluorobenzene	0.361	0.381	-5.5	95	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64	T	Tetrachloroethene	0.394	0.370	6.1	88	0.00
65	PM	Chlorobenzene	1.003	0.975	2.8	90	0.00
66	T	1,1,1,2-Tetrachloroethane	0.373	0.374	-0.3	92	0.00
67	C	Ethyl Benzene	1.734	1.711	1.3#	88	0.00
68	T	m/p-Xylenes	0.688	0.684	0.6	88	0.00
69	T	o-Xylene	0.644	0.649	-0.8	89	0.00
70	T	Styrene	1.082	1.103	-1.9	89	0.00
71	P	Bromoform	0.238	0.248	-4.2	92	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73	T	Isopropylbenzene	3.324	3.198	3.8	88	0.00
74	T	N-amyl acetate	0.859	0.913	-6.3	92	0.00
75	P	1,1,2,2-Tetrachloroethane	0.654	0.657	-0.5	92	0.00
76	T	1,2,3-Trichloropropane	0.464	0.477	-2.8	93	0.00
77	T	Bromobenzene	0.825	0.809	1.9	91	0.00
78	T	n-propylbenzene	3.950	3.849	2.6	88	0.00
79	T	2-Chlorotoluene	2.235	2.153	3.7	88	0.00
80	T	1,3,5-Trimethylbenzene	2.755	2.697	2.1	89	0.00
81	T	trans-1,4-Dichloro-2-butene	0.233	0.238	-2.1	92	0.00
82	T	4-Chlorotoluene	2.325	2.242	3.6	89	0.00
83	T	tert-Butylbenzene	2.476	2.385	3.7	89	0.00
84	T	1,2,4-Trimethylbenzene	2.777	2.697	2.9	90	0.00
85	T	sec-Butylbenzene	3.635	3.501	3.7	89	0.00
86	T	p-Isopropyltoluene	3.074	2.962	3.6	88	0.00
87	T	1,3-Dichlorobenzene	1.667	1.594	4.4	91	0.00
88	T	1,4-Dichlorobenzene	1.678	1.577	6.0	90	0.00
89	T	n-Butylbenzene	2.816	2.733	2.9	88	0.00
90	T	Hexachloroethane	0.605	0.557	7.9	89	0.00
91	T	1,2-Dichlorobenzene	1.489	1.417	4.8	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.110	0.111	-0.9	95	0.00
93	T	1,2,4-Trichlorobenzene	0.939	0.907	3.4	91	0.00
94	T	Hexachlorobutadiene	0.569	0.530	6.9	90	0.00
95	T	Naphthalene	1.761	1.944	-10.4	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.822	0.804	2.2	93	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 5