Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
Data File : VD070766.D
Acq On : 20 Oct 2021 10:27
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Oct 21 05:35:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 18 08:32:03 2021
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	94	0.00
2	T	Dichlorodifluoromethane	0.585	0.557	4.8	91	0.00
3	P	Chloromethane	0.867	0.781	9.9	88	0.00
4	C	Vinyl Chloride	0.889	0.825	7.2#	88	0.00
5	T	Bromomethane	0.542	0.473	12.7	89	0.00
6	T	Chloroethane	0.560	0.521	7.0	89	0.00
7	T	Trichlorofluoromethane	1.005	0.951	5.4	92	0.00
8	T	Diethyl Ether	0.268	0.241	10.1	84	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.601	0.578	3.8	94	0.00
10	T	Methyl Iodide	0.550	0.524	4.7	79	0.00
11	T	Tert butyl alcohol	0.033	0.028	15.2	86	0.00
12	CM	1,1-Dichloroethene	0.544	0.504	7.4#	89	0.00
13	T	Acrolein	0.032	0.035	-9.4	115	0.00
14	T	Allyl chloride	1.029	0.958	6.9	86	0.00
15	T	Acrylonitrile	0.141	0.132	6.4	86	0.00
16	T	Acetone	0.143	0.146	-2.1	88	0.00
17	T	Carbon Disulfide	1.980	1.911	3.5	89	0.00
18	T	Methyl Acetate	0.497	0.443	10.9	85	0.00
19	T	Methyl tert-butyl Ether	1.175	1.144	2.6	86	0.00
20	T	Methylene Chloride	0.922	0.689	25.3#	90	0.00
21	T	trans-1,2-Dichloroethene	0.623	0.606	2.7	89	0.00
22	T	Diisopropyl ether	2.003	2.014	-0.5	88	0.00
23	T	Vinyl Acetate	0.946	0.963	-1.8	87	0.00
24	P	1,1-Dichloroethane	1.248	1.185	5.0	90	0.00
25	T	2-Butanone	0.176	0.169	4.0	86	0.00
26	T	2,2-Dichloropropane	0.987	0.965	2.2	94	0.00
27	T	cis-1,2-Dichloroethene	0.669	0.643	3.9	89	0.00
28	T	Bromochloromethane	0.496	0.465	6.2	92	0.00
29	T	Tetrahydrofuran	0.108	0.106	1.9	88	0.00
30	C	Chloroform	1.219	1.157	5.1#	91	0.00
31	T	Cyclohexane	1.198	1.134	5.3	90	0.00
32	T	1,1,1-Trichloroethane	1.034	1.009	2.4	94	0.00
33	S	1,2-Dichloroethane-d4	0.592	0.569	3.9	95	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35	S	Dibromofluoromethane	0.320	0.326	-1.9	96	0.00
36	T	1,1-Dichloropropene	0.557	0.574	-3.1	92	0.00
37	T	Ethyl Acetate	0.231	0.250	-8.2	91	0.00
38	T	Carbon Tetrachloride	0.533	0.550	-3.2	92	0.00
39	T	Methylcyclohexane	0.628	0.662	-5.4	88	0.00
40	TM	Benzene	1.604	1.626	-1.4	90	0.00
41	T	Methacrylonitrile	0.132	0.133	-0.8	77	0.00
42	TM	1,2-Dichloroethane	0.455	0.463	-1.8	91	0.00
43	T	Isopropyl Acetate	0.440	0.442	-0.5	87	0.00
44	TM	Trichloroethene	0.377	0.378	-0.3	92	0.00
45	C	1,2-Dichloropropane	0.424	0.434	-2.4#	90	0.00
46	T	Dibromomethane	0.203	0.205	-1.0	89	0.00
47	T	Bromodichloromethane	0.538	0.551	-2.4	93	0.00
48	T	Methyl methacrylate	0.216	0.225	-4.2	88	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	94	0.00
50	S	Toluene-d8	1.227	1.255	-2.3	94	0.00
51	T	4-Methyl-2-Pentanone	0.232	0.247	-6.5	89	0.00
52	CM	Toluene	0.955	1.020	-6.8#	91	0.00
53	T	t-1,3-Dichloropropene	0.481	0.495	-2.9	90	0.00
54	T	cis-1,3-Dichloropropene	0.576	0.593	-3.0	92	0.00
55	T	1,1,2-Trichloroethane	0.279	0.288	-3.2	93	0.00
56	T	Ethyl methacrylate	0.333	0.349	-4.8	88	0.00
57	T	1,3-Dichloropropane	0.495	0.506	-2.2	90	0.00
58	T	2-Chloroethyl Vinyl ether	0.147	0.151	-2.7	90	0.00
59	T	2-Hexanone	0.163	0.179	-9.8	90	0.00
60	T	Dibromochloromethane	0.320	0.332	-3.8	93	0.00
61	T	1,2-Dibromoethane	0.255	0.261	-2.4	91	0.00
62	S	4-Bromofluorobenzene	0.423	0.435	-2.8	94	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64	T	Tetrachloroethene	0.336	0.341	-1.5	93	0.00
65	PM	Chlorobenzene	1.025	1.029	-0.4	91	0.00
66	T	1,1,1,2-Tetrachloroethane	0.379	0.387	-2.1	94	0.00
67	C	Ethyl Benzene	1.875	1.976	-5.4#	90	0.00
68	T	m/p-Xylenes	0.710	0.756	-6.5	91	0.00
69	T	o-Xylene	0.644	0.670	-4.0	89	0.00
70	T	Styrene	1.120	1.220	-8.9	91	0.00
71	P	Bromoform	0.197	0.200	-1.5	92	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73	T	Isopropylbenzene	3.563	3.641	-2.2	90	0.00
74	T	N-amyl acetate	0.927	0.924	0.3	91	0.00
75	P	1,1,2,2-Tetrachloroethane	0.705	0.680	3.5	90	0.00
76	T	1,2,3-Trichloropropane	0.432	0.441	-2.1	117	0.00
77	T	Bromobenzene	0.807	0.805	0.2	91	0.00
78	T	n-propylbenzene	4.631	4.835	-4.4	91	0.00
79	T	2-Chlorotoluene	2.676	2.684	-0.3	91	0.00
80	T	1,3,5-Trimethylbenzene	3.012	3.212	-6.6	93	0.00
81	T	trans-1,4-Dichloro-2-butene	0.197	0.199	-1.0	90	0.00
82	T	4-Chlorotoluene	2.831	2.852	-0.7	92	0.00
83	T	tert-Butylbenzene	2.489	2.535	-1.8	91	0.00
84	T	1,2,4-Trimethylbenzene	2.994	3.131	-4.6	91	0.00
85	T	sec-Butylbenzene	3.911	4.055	-3.7	92	0.00
86	T	p-Isopropyltoluene	3.145	3.280	-4.3	91	0.00
87	T	1,3-Dichlorobenzene	1.694	1.654	2.4	92	0.00
88	T	1,4-Dichlorobenzene	1.672	1.625	2.8	93	0.00
89	T	n-Butylbenzene	3.174	3.269	-3.0	90	0.00
90	T	Hexachloroethane	0.679	0.646	4.9	91	0.00
91	T	1,2-Dichlorobenzene	1.448	1.426	1.5	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.112	0.103	8.0	92	0.00
93	T	1,2,4-Trichlorobenzene	0.828	0.831	-0.4	91	0.00
94	T	Hexachlorobutadiene	0.543	0.535	1.5	92	0.00
95	T	Naphthalene	1.406	1.403	0.2	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.736	0.729	1.0	89	0.00

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