Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101923\
Data File : VD077357.D
Acq On : 19 Oct 2023 16:53
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.05G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Oct 20 08:24:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 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	92	0.00
2	T	Dichlorodifluoromethane	0.465	0.580	-24.7	121	0.00
3	P	Chloromethane	0.947	0.988	-4.3	97	0.00
4	C	Vinyl Chloride	1.118	1.225	-9.6#	99	0.00
5	T	Bromomethane	0.719	0.824	-14.6	111	0.00
6	T	Chloroethane	0.786	0.884	-12.5	105	0.00
7	T	Trichlorofluoromethane	1.134	1.034	8.8	88	0.00
8	T	Diethyl Ether	0.304	0.236	22.4	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.587	0.531	9.5	96	0.00
10	T	Methyl Iodide	0.718	0.541	24.7	72	0.00
11	T	Tert butyl alcohol	0.025	0.025	0.0	100	0.00
12	CM	1,1-Dichloroethene	0.576	0.481	16.5#	87	0.00
13	T	Acrolein	0.044	0.033	25.0	92	0.00
14	T	Allyl chloride	0.546	0.540	1.1	99	0.00
15	T	Acrylonitrile	0.092	0.106	-15.2	106	0.00
16	T	Acetone	0.098	0.098	0.0	109	0.00
17	T	Carbon Disulfide	1.692	1.561	7.7	92	0.00
18	T	Methyl Acetate	0.341	0.367	-7.6	111	0.00
19	T	Methyl tert-butyl Ether	0.981	1.057	-7.7	96	0.00
20	T	Methylene Chloride	0.689	0.697	-1.2	103	0.00
21	T	trans-1,2-Dichloroethene	0.599	0.609	-1.7	92	0.00
22	T	Diisopropyl ether	1.072	1.319	-23.0	104	0.00
23	T	Vinyl Acetate	0.503	0.632	-25.6#	125	0.00
24	P	1,1-Dichloroethane	0.892	0.959	-7.5	98	0.00
25	T	2-Butanone	0.102	0.119	-16.7	106	0.00
26	T	2,2-Dichloropropane	0.813	0.830	-2.1	94	0.00
27	T	cis-1,2-Dichloroethene	0.671	0.665	0.9	90	0.00
28	T	Bromochloromethane	0.326	0.328	-0.6	95	0.00
29	T	Tetrahydrofuran	0.059	0.073	-23.7	110	0.00
30	C	Chloroform	1.023	1.061	-3.7#	94	0.00
31	T	Cyclohexane	0.695	0.743	-6.9	103	0.00
32	T	1,1,1-Trichloroethane	0.882	0.903	-2.4	93	0.00
33	S	1,2-Dichloroethane-d4	0.446	0.459	-2.9	102	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35	S	Dibromofluoromethane	0.351	0.321	8.5	96	0.00
36	T	1,1-Dichloropropene	0.462	0.475	-2.8	97	0.00
37	T	Ethyl Acetate	0.145	0.161	-11.0	116	0.00
38	T	Carbon Tetrachloride	0.513	0.486	5.3	91	0.00
39	T	Methylcyclohexane	0.561	0.554	1.2	93	0.00
40	TM	Benzene	1.401	1.421	-1.4	94	0.00
41	T	Methacrylonitrile	0.069	0.083	-20.3	97	0.00
42	TM	1,2-Dichloroethane	0.330	0.344	-4.2	98	0.00
43	T	Isopropyl Acetate	0.261	0.305	-16.9	111	0.00
44	TM	Trichloroethene	0.410	0.369	10.0	85	0.00
45	C	1,2-Dichloropropane	0.323	0.346	-7.1#	100	0.00
46	T	Dibromomethane	0.202	0.200	1.0	93	0.00
47	T	Bromodichloromethane	0.481	0.475	1.2	93	0.00
48	T	Methyl methacrylate	0.118	0.139	-17.8	108	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	101	0.00
50	S	Toluene-d8	1.258	1.215	3.4	98	0.00
51	T	4-Methyl-2-Pentanone	0.131	0.159	-21.4	110	0.00
52	CM	Toluene	0.915	0.923	-0.9#	92	0.00
53	T	t-1,3-Dichloropropene	0.432	0.453	-4.9	95	0.00
54	T	cis-1,3-Dichloropropene	0.529	0.535	-1.1	93	0.00
55	T	1,1,2-Trichloroethane	0.280	0.275	1.8	92	0.00
56	T	Ethyl methacrylate	0.267	0.286	-7.1	95	0.00
57	T	1,3-Dichloropropane	0.429	0.445	-3.7	97	0.00
58	T	2-Chloroethyl Vinyl ether	0.132	0.144	-9.1	99	0.00
59	T	2-Hexanone	0.094	0.113	-20.2	108	0.00
60	T	Dibromochloromethane	0.357	0.337	5.6	89	0.00
61	T	1,2-Dibromoethane	0.263	0.259	1.5	92	0.00
62	S	4-Bromofluorobenzene	0.362	0.350	3.3	96	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64	T	Tetrachloroethene	0.372	0.320	14.0	83	0.00
65	PM	Chlorobenzene	1.090	1.017	6.7	88	0.00
66	T	1,1,1,2-Tetrachloroethane	0.414	0.380	8.2	87	0.00
67	C	Ethyl Benzene	1.807	1.827	-1.1#	92	0.00
68	T	m/p-Xylenes	0.742	0.742	0.0	91	0.00
69	T	o-Xylene	0.683	0.669	2.0	89	0.00
70	T	Styrene	1.165	1.178	-1.1	89	0.00
71	P	Bromoform	0.227	0.202	11.0	83	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73	T	Isopropylbenzene	3.307	3.245	1.9	89	0.00
74	T	N-amyl acetate	0.476	0.543	-14.1	108	0.00
75	P	1,1,2,2-Tetrachloroethane	0.601	0.637	-6.0	102	0.00
76	T	1,2,3-Trichloropropane	0.583	0.746	-28.0#	103	0.00
77	T	Bromobenzene	0.868	0.790	9.0	85	0.00
78	T	n-propylbenzene	3.983	4.124	-3.5	94	0.00
79	T	2-Chlorotoluene	2.169	2.151	0.8	92	0.00
80	T	1,3,5-Trimethylbenzene	2.729	2.760	-1.1	92	0.00
81	T	trans-1,4-Dichloro-2-butene	0.187	0.203	-8.6	100	0.00
82	T	4-Chlorotoluene	2.259	2.271	-0.5	93	0.00
83	T	tert-Butylbenzene	2.420	2.328	3.8	90	0.00
84	T	1,2,4-Trimethylbenzene	2.748	2.774	-0.9	90	0.00
85	T	sec-Butylbenzene	3.641	3.677	-1.0	93	0.00
86	T	p-Isopropyltoluene	3.163	3.131	1.0	90	0.00
87	T	1,3-Dichlorobenzene	1.827	1.694	7.3	87	0.00
88	T	1,4-Dichlorobenzene	1.811	1.643	9.3	87	0.00
89	T	n-Butylbenzene	2.754	2.885	-4.8	96	0.00
90	T	Hexachloroethane	0.639	0.611	4.4	90	0.00
91	T	1,2-Dichlorobenzene	1.544	1.454	5.8	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.074	0.081	-9.5	97	0.00
93	T	1,2,4-Trichlorobenzene	0.962	0.831	13.6	81	0.00
94	T	Hexachlorobutadiene	0.546	0.447	18.1	80	0.00
95	T	Naphthalene	1.624	1.508	7.1	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.835	0.730	12.6	82	0.00

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