Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031023\
Data File : VD075502.D
Acq On : 10 Mar 2023 19:48
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Mar 10 23:58:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 23:52:37 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	87	0.00
2	T	Dichlorodifluoromethane	0.499	0.466	6.6	87	0.00
3	P	Chloromethane	0.825	0.772	6.4	88	0.00
4	C	Vinyl Chloride	1.200	1.147	4.4#	88	0.00
5	T	Bromomethane	0.940	0.911	3.1	89	0.00
6	T	Chloroethane	0.804	0.778	3.2	90	0.00
7	T	Trichlorofluoromethane	0.967	0.929	3.9	89	0.00
8	T	Diethyl Ether	0.258	0.255	1.2	85	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.629	0.604	4.0	89	0.00
10	T	Methyl Iodide	0.751	0.782	-4.1	92	0.00
11	T	Tert butyl alcohol	0.021	0.017	19.0	70	0.00
12	CM	1,1-Dichloroethene	0.621	0.589	5.2#	84	0.00
13	T	Acrolein	0.042	0.039	7.1	88	0.01
14	T	Allyl chloride	0.535	0.501	6.4	86	0.00
15	T	Acrylonitrile	0.095	0.093	2.1	89	0.00
16	T	Acetone	0.084	0.068	19.0	70	0.00
17	T	Carbon Disulfide	1.875	1.763	6.0	86	0.00
18	T	Methyl Acetate	0.240	0.242	-0.8	92	0.00
19	T	Methyl tert-butyl Ether	1.078	1.072	0.6	86	0.00
20	T	Methylene Chloride	0.809	0.673	16.8	90	0.00
21	T	trans-1,2-Dichloroethene	0.706	0.691	2.1	88	0.00
22	T	Diisopropyl ether	1.159	1.183	-2.1	89	0.00
23	T	Vinyl Acetate	0.562	0.571	-1.6	87	0.00
24	P	1,1-Dichloroethane	1.004	0.984	2.0	88	0.00
25	T	2-Butanone	0.106	0.096	9.4	79	0.00
26	T	2,2-Dichloropropane	0.923	0.871	5.6	85	0.00
27	T	cis-1,2-Dichloroethene	0.757	0.747	1.3	87	0.00
28	T	Bromochloromethane	0.324	0.341	-5.2	92	0.00
29	T	Tetrahydrofuran	0.058	0.058	0.0	90	0.00
30	C	Chloroform	1.115	1.114	0.1#	89	0.00
31	T	Cyclohexane	0.808	0.787	2.6	90	0.00
32	T	1,1,1-Trichloroethane	0.978	0.953	2.6	89	0.00
33	S	1,2-Dichloroethane-d4	0.454	0.504	-11.0	94	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35	S	Dibromofluoromethane	0.342	0.376	-9.9	90	0.00
36	T	1,1-Dichloropropene	0.507	0.521	-2.8	89	0.00
37	T	Ethyl Acetate	0.132	0.134	-1.5	88	0.00
38	T	Carbon Tetrachloride	0.486	0.499	-2.7	89	0.00
39	T	Methylcyclohexane	0.640	0.654	-2.2	89	0.00
40	TM	Benzene	1.521	1.554	-2.2	89	0.00
41	T	Methacrylonitrile	0.070	0.069	1.4	87	0.00
42	TM	1,2-Dichloroethane	0.335	0.338	-0.9	88	0.00
43	T	Isopropyl Acetate	0.245	0.256	-4.5	91	0.00
44	TM	Trichloroethene	0.447	0.442	1.1	89	0.00
45	C	1,2-Dichloropropane	0.327	0.335	-2.4#	89	0.00
46	T	Dibromomethane	0.202	0.209	-3.5	91	0.00
47	T	Bromodichloromethane	0.488	0.507	-3.9	90	0.00
48	T	Methyl methacrylate	0.115	0.120	-4.3	93	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	78	0.00
50	S	Toluene-d8	1.353	1.533	-13.3	89	0.00
51	T	4-Methyl-2-Pentanone	0.127	0.132	-3.9	89	0.00
52	CM	Toluene	0.986	1.046	-6.1#	90	0.00
53	T	t-1,3-Dichloropropene	0.439	0.457	-4.1	89	0.00
54	T	cis-1,3-Dichloropropene	0.539	0.570	-5.8	91	0.00
55	T	1,1,2-Trichloroethane	0.285	0.292	-2.5	89	0.00
56	T	Ethyl methacrylate	0.272	0.290	-6.6	88	0.00
57	T	1,3-Dichloropropane	0.439	0.455	-3.6	90	0.00
58	T	2-Chloroethyl Vinyl ether	0.133	0.143	-7.5	89	0.00
59	T	2-Hexanone	0.090	0.088	2.2	81	0.00
60	T	Dibromochloromethane	0.337	0.349	-3.6	90	0.00
61	T	1,2-Dibromoethane	0.269	0.277	-3.0	88	0.00
62	S	4-Bromofluorobenzene	0.391	0.433	-10.7	90	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64	T	Tetrachloroethene	0.395	0.386	2.3	88	0.00
65	PM	Chlorobenzene	1.186	1.148	3.2	88	0.00
66	T	1,1,1,2-Tetrachloroethane	0.406	0.401	1.2	90	0.00
67	C	Ethyl Benzene	2.042	2.065	-1.1#	89	0.00
68	T	m/p-Xylenes	0.821	0.842	-2.6	89	0.00
69	T	o-Xylene	0.762	0.775	-1.7	89	0.00
70	T	Styrene	1.268	1.336	-5.4	91	0.00
71	P	Bromoform	0.207	0.213	-2.9	93	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73	T	Isopropylbenzene	4.004	3.955	1.2	88	0.00
74	T	N-amyl acetate	0.496	0.482	2.8	91	0.00
75	P	1,1,2,2-Tetrachloroethane	0.679	0.652	4.0	91	0.00
76	T	1,2,3-Trichloropropane	0.410	0.391	4.6	92	0.00
77	T	Bromobenzene	0.952	0.924	2.9	91	0.00
78	T	n-propylbenzene	4.865	4.853	0.2	91	0.00
79	T	2-Chlorotoluene	2.636	2.574	2.4	91	0.00
80	T	1,3,5-Trimethylbenzene	3.283	3.266	0.5	90	0.00
81	T	trans-1,4-Dichloro-2-butene	0.195	0.187	4.1	86	0.00
82	T	4-Chlorotoluene	2.720	2.632	3.2	91	0.00
83	T	tert-Butylbenzene	2.854	2.866	-0.4	89	0.00
84	T	1,2,4-Trimethylbenzene	3.173	3.237	-2.0	91	0.00
85	T	sec-Butylbenzene	4.418	4.421	-0.1	91	0.00
86	T	p-Isopropyltoluene	3.610	3.694	-2.3	91	0.00
87	T	1,3-Dichlorobenzene	1.968	1.929	2.0	91	0.00
88	T	1,4-Dichlorobenzene	1.947	1.843	5.3	90	0.00
89	T	n-Butylbenzene	3.311	3.340	-0.9	91	0.00
90	T	Hexachloroethane	0.697	0.681	2.3	92	0.00
91	T	1,2-Dichlorobenzene	1.665	1.615	3.0	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.085	0.088	-3.5	94	0.00
93	T	1,2,4-Trichlorobenzene	0.971	0.906	6.7	89	0.00
94	T	Hexachlorobutadiene	0.463	0.448	3.2	90	0.00
95	T	Naphthalene	1.783	1.718	3.6	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.838	0.787	6.1	90	0.00

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