Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
Data File : VD079308.D
Acq On : 01 Jul 2024 20:48
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jul 02 06:02:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 29 06:28:31 2024
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	85	0.00
2	T	Dichlorodifluoromethane	0.565	0.479	15.2	79	0.00
3	P	Chloromethane	0.857	0.808	5.7	90	0.00
4	C	Vinyl Chloride	0.956	1.026	-7.3#	98	0.00
5	T	Bromomethane	0.898	0.783	12.8	93	0.03
6	T	Chloroethane	0.678	0.663	2.2	94	0.01
7	T	Trichlorofluoromethane	1.093	0.966	11.6	83	0.00
8	T	Diethyl Ether	0.321	0.308	4.0	90	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.679	0.608	10.5	84	0.00
10	T	Methyl Iodide	0.514	0.687	-33.7#	95	0.00
11	T	Tert butyl alcohol	0.033	0.030	9.1	89	0.00
12	CM	1,1-Dichloroethene	0.657	0.598	9.0#	83	0.00
13	T	Acrolein	0.066	0.050	24.2	68	0.00
14	T	Allyl chloride	0.839	0.767	8.6	84	0.00
15	T	Acrylonitrile	0.147	0.145	1.4	91	0.00
16	T	Acetone	0.119	0.097	18.5	68	0.00
17	T	Carbon Disulfide	2.309	2.069	10.4	82	0.00
18	T	Methyl Acetate	0.345	0.364	-5.5	94	0.00
19	T	Methyl tert-butyl Ether	1.347	1.367	-1.5	93	0.01
20	T	Methylene Chloride	1.026	0.832	18.9	94	0.00
21	T	trans-1,2-Dichloroethene	0.739	0.690	6.6	84	0.00
22	T	Diisopropyl ether	1.825	1.886	-3.3	91	0.00
23	T	Vinyl Acetate	1.382	1.436	-3.9	91	0.00
24	P	1,1-Dichloroethane	1.280	1.241	3.0	89	0.00
25	T	2-Butanone	0.165	0.157	4.8	85	0.00
26	T	2,2-Dichloropropane	1.010	0.927	8.2	84	0.00
27	T	cis-1,2-Dichloroethene	0.809	0.803	0.7	90	0.00
28	T	Bromochloromethane	0.534	0.559	-4.7	97	0.00
29	T	Tetrahydrofuran	0.103	0.105	-1.9	92	0.00
30	C	Chloroform	1.320	1.297	1.7#	92	0.00
31	T	Cyclohexane	1.063	0.926	12.9	81	0.00
32	T	1,1,1-Trichloroethane	1.084	1.062	2.0	90	0.00
33	S	1,2-Dichloroethane-d4	0.565	0.498	11.9	93	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35	S	Dibromofluoromethane	0.328	0.310	5.5	88	0.00
36	T	1,1-Dichloropropene	0.510	0.501	1.8	85	0.00
37	T	Ethyl Acetate	0.194	0.195	-0.5	90	0.00
38	T	Carbon Tetrachloride	0.518	0.516	0.4	89	0.00
39	T	Methylcyclohexane	0.600	0.578	3.7	83	0.00
40	TM	Benzene	1.591	1.592	-0.1	89	0.00
41	T	Methacrylonitrile	0.107	0.111	-3.7	102	0.00
42	TM	1,2-Dichloroethane	0.383	0.405	-5.7	95	0.00
43	T	Isopropyl Acetate	0.375	0.386	-2.9	96	0.00
44	TM	Trichloroethene	0.363	0.360	0.8	90	0.00
45	C	1,2-Dichloropropane	0.387	0.394	-1.8#	90	0.00
46	T	Dibromomethane	0.220	0.221	-0.5	94	0.00
47	T	Bromodichloromethane	0.538	0.558	-3.7	94	0.00
48	T	Methyl methacrylate	0.169	0.182	-7.7	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	103	0.00
50	S	Toluene-d8	1.181	1.041	11.9	87	0.00
51	T	4-Methyl-2-Pentanone	0.195	0.213	-9.2	96	0.00
52	CM	Toluene	0.968	0.993	-2.6#	88	0.00
53	T	t-1,3-Dichloropropene	0.486	0.490	-0.8	90	0.00
54	T	cis-1,3-Dichloropropene	0.583	0.593	-1.7	90	0.00
55	T	1,1,2-Trichloroethane	0.283	0.295	-4.2	95	0.00
56	T	Ethyl methacrylate	0.344	0.363	-5.5	93	0.00
57	T	1,3-Dichloropropane	0.484	0.508	-5.0	93	0.00
58	T	2-Chloroethyl Vinyl ether	0.155	0.165	-6.5	89	0.00
59	T	2-Hexanone	0.138	0.143	-3.6	88	0.00
60	T	Dibromochloromethane	0.358	0.377	-5.3	97	0.00
61	T	1,2-Dibromoethane	0.260	0.276	-6.2	94	0.00
62	S	4-Bromofluorobenzene	0.379	0.386	-1.8	90	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64	T	Tetrachloroethene	0.312	0.309	1.0	90	0.00
65	PM	Chlorobenzene	1.112	1.103	0.8	90	0.00
66	T	1,1,1,2-Tetrachloroethane	0.379	0.384	-1.3	97	0.00
67	C	Ethyl Benzene	1.941	1.976	-1.8#	91	0.00
68	T	m/p-Xylenes	0.749	0.755	-0.8	89	0.00
69	T	o-Xylene	0.672	0.691	-2.8	91	0.00
70	T	Styrene	1.199	1.261	-5.2	93	0.00
71	P	Bromoform	0.205	0.212	-3.4	99	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73	T	Isopropylbenzene	3.717	3.578	3.7	88	0.00
74	T	N-amyl acetate	0.816	0.791	3.1	94	0.00
75	P	1,1,2,2-Tetrachloroethane	0.775	0.748	3.5	98	0.00
76	T	1,2,3-Trichloropropane	0.500	0.540	-8.0	97	0.00
77	T	Bromobenzene	0.836	0.798	4.5	94	0.00
78	T	n-propylbenzene	4.758	4.528	4.8	87	0.00
79	T	2-Chlorotoluene	2.660	2.568	3.5	91	0.00
80	T	1,3,5-Trimethylbenzene	3.147	3.058	2.8	90	0.00
81	T	trans-1,4-Dichloro-2-butene	0.270	0.242	10.4	88	0.00
82	T	4-Chlorotoluene	2.795	2.697	3.5	92	0.00
83	T	tert-Butylbenzene	2.549	2.519	1.2	90	0.00
84	T	1,2,4-Trimethylbenzene	3.150	3.161	-0.3	92	0.00
85	T	sec-Butylbenzene	4.056	3.875	4.5	87	0.00
86	T	p-Isopropyltoluene	3.348	3.259	2.7	90	0.00
87	T	1,3-Dichlorobenzene	1.778	1.715	3.5	96	0.00
88	T	1,4-Dichlorobenzene	1.767	1.644	7.0	93	0.00
89	T	n-Butylbenzene	3.285	3.145	4.3	88	0.00
90	T	Hexachloroethane	0.736	0.686	6.8	92	0.00
91	T	1,2-Dichlorobenzene	1.530	1.460	4.6	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.106	0.099	6.6	99	0.00
93	T	1,2,4-Trichlorobenzene	0.816	0.808	1.0	94	0.00
94	T	Hexachlorobutadiene	0.454	0.446	1.8	97	0.00
95	T	Naphthalene	1.592	1.671	-5.0	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.721	0.739	-2.5	97	0.00

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