Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
Data File : VD079506.D
Acq On : 31 Jul 2024 19:50
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: Aug 01 01:55:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 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	71	0.00
2	T	Dichlorodifluoromethane	0.392	0.350	10.7	64	0.00
3	P	Chloromethane	0.722	0.703	2.6	72	0.00
4	C	Vinyl Chloride	0.858	0.859	-0.1#	70	0.00
5	T	Bromomethane	0.625	0.486	22.2	62	0.00
6	T	Chloroethane	0.552	0.592	-7.2	79	0.00
7	T	Trichlorofluoromethane	0.854	0.802	6.1	65	0.00
8	T	Diethyl Ether	0.258	0.273	-5.8	82	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.540	0.496	8.1	64	0.00
10	T	Methyl Iodide	0.633	0.684	-8.1	67	0.00
11	T	Tert butyl alcohol	0.029	0.029	0.0	102	0.01
12	CM	1,1-Dichloroethene	0.540	0.523	3.1#	66	0.00
13	T	Acrolein	0.045	0.044	2.2	95	0.00
14	T	Allyl chloride	0.713	0.680	4.6	67	0.00
15	T	Acrylonitrile	0.120	0.134	-11.7	96	0.00
16	T	Acetone	0.099	0.084	15.2	69	0.00
17	T	Carbon Disulfide	1.783	1.755	1.6	67	0.00
18	T	Methyl Acetate	0.306	0.344	-12.4	101	0.00
19	T	Methyl tert-butyl Ether	1.103	1.217	-10.3	86	0.00
20	T	Methylene Chloride	1.218	0.752	38.3#	72	0.00
21	T	trans-1,2-Dichloroethene	0.607	0.629	-3.6	70	0.00
22	T	Diisopropyl ether	1.587	1.707	-7.6	77	0.00
23	T	Vinyl Acetate	1.193	1.315	-10.2	84	0.00
24	P	1,1-Dichloroethane	1.064	1.103	-3.7	73	0.00
25	T	2-Butanone	0.140	0.145	-3.6	89	-0.01
26	T	2,2-Dichloropropane	0.860	0.713	17.1	57	0.00
27	T	cis-1,2-Dichloroethene	0.694	0.733	-5.6	73	0.00
28	T	Bromochloromethane	0.466	0.509	-9.2	90	0.00
29	T	Tetrahydrofuran	0.087	0.101	-16.1	102	0.00
30	C	Chloroform	1.077	1.163	-8.0#	77	0.00
31	T	Cyclohexane	0.844	0.759	10.1	64	0.00
32	T	1,1,1-Trichloroethane	0.889	0.912	-2.6	70	0.00
33	S	1,2-Dichloroethane-d4	0.508	0.579	-14.0	89	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
35	S	Dibromofluoromethane	0.338	0.357	-5.6	81	0.00
36	T	1,1-Dichloropropene	0.462	0.457	1.1	69	0.00
37	T	Ethyl Acetate	0.189	0.210	-11.1	97	0.00
38	T	Carbon Tetrachloride	0.486	0.478	1.6	69	0.00
39	T	Methylcyclohexane	0.551	0.509	7.6	64	0.00
40	TM	Benzene	1.467	1.508	-2.8	74	0.00
41	T	Methacrylonitrile	0.104	0.111	-6.7	103	-0.01
42	TM	1,2-Dichloroethane	0.350	0.370	-5.7	84	0.00
43	T	Isopropyl Acetate	0.356	0.384	-7.9	95	0.00
44	TM	Trichloroethene	0.365	0.368	-0.8	72	0.00
45	C	1,2-Dichloropropane	0.357	0.372	-4.2#	77	0.00
46	T	Dibromomethane	0.198	0.219	-10.6	89	0.00
47	T	Bromodichloromethane	0.486	0.524	-7.8	82	0.00
48	T	Methyl methacrylate	0.159	0.185	-16.4	97	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	93	-0.01
50	S	Toluene-d8	1.314	1.384	-5.3	77	0.00
51	T	4-Methyl-2-Pentanone	0.182	0.213	-17.0	103	0.00
52	CM	Toluene	0.907	0.964	-6.3#	74	0.00
53	T	t-1,3-Dichloropropene	0.449	0.455	-1.3	79	0.00
54	T	cis-1,3-Dichloropropene	0.540	0.544	-0.7	75	0.00
55	T	1,1,2-Trichloroethane	0.261	0.299	-14.6	92	0.00
56	T	Ethyl methacrylate	0.309	0.356	-15.2	93	0.00
57	T	1,3-Dichloropropane	0.443	0.491	-10.8	89	0.00
58	T	2-Chloroethyl Vinyl ether	0.142	0.176	-23.9	102	0.00
59	T	2-Hexanone	0.127	0.145	-14.2	97	0.00
60	T	Dibromochloromethane	0.341	0.375	-10.0	87	0.00
61	T	1,2-Dibromoethane	0.244	0.269	-10.2	89	0.00
62	S	4-Bromofluorobenzene	0.380	0.412	-8.4	82	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64	T	Tetrachloroethene	0.337	0.342	-1.5	77	0.00
65	PM	Chlorobenzene	1.107	1.092	1.4	77	0.00
66	T	1,1,1,2-Tetrachloroethane	0.364	0.378	-3.8	81	0.00
67	C	Ethyl Benzene	1.813	1.799	0.8#	73	0.00
68	T	m/p-Xylenes	0.719	0.730	-1.5	75	0.00
69	T	o-Xylene	0.659	0.677	-2.7	76	0.00
70	T	Styrene	1.156	1.231	-6.5	79	0.00
71	P	Bromoform	0.206	0.228	-10.7	99	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73	T	Isopropylbenzene	3.384	3.209	5.2	73	0.00
74	T	N-amyl acetate	0.735	0.751	-2.2	98	0.00
75	P	1,1,2,2-Tetrachloroethane	0.650	0.673	-3.5	101	0.00
76	T	1,2,3-Trichloropropane	0.437	0.404	7.6	101	0.00
77	T	Bromobenzene	0.838	0.840	-0.2	84	0.00
78	T	n-propylbenzene	4.180	3.982	4.7	74	0.00
79	T	2-Chlorotoluene	2.327	2.233	4.0	76	0.00
80	T	1,3,5-Trimethylbenzene	2.785	2.734	1.8	76	0.00
81	T	trans-1,4-Dichloro-2-butene	0.229	0.222	3.1	96	0.00
82	T	4-Chlorotoluene	2.426	2.402	1.0	80	0.00
83	T	tert-Butylbenzene	2.435	2.302	5.5	74	0.00
84	T	1,2,4-Trimethylbenzene	2.839	2.836	0.1	78	0.00
85	T	sec-Butylbenzene	3.705	3.437	7.2	72	0.00
86	T	p-Isopropyltoluene	3.141	2.989	4.8	74	0.00
87	T	1,3-Dichlorobenzene	1.737	1.683	3.1	81	0.00
88	T	1,4-Dichlorobenzene	1.707	1.652	3.2	83	0.00
89	T	n-Butylbenzene	2.920	2.705	7.4	72	0.00
90	T	Hexachloroethane	0.648	0.609	6.0	77	0.00
91	T	1,2-Dichlorobenzene	1.484	1.477	0.5	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.086	0.094	-9.3	106	0.00
93	T	1,2,4-Trichlorobenzene	0.935	0.901	3.6	85	0.00
94	T	Hexachlorobutadiene	0.505	0.460	8.9	75	0.00
95	T	Naphthalene	1.619	1.723	-6.4	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.823	0.827	-0.5	91	0.00

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