Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
Data File : VD074434.D
Acq On : 26 Sep 2022 22:19
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Sep 27 04:12:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 03:19:14 2022
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	0.411	0.347	15.6	82	0.00
3	P	Chloromethane	0.408	0.382	6.4	96	0.00
4	C	Vinyl Chloride	0.352	0.316	10.2#	85	0.00
5	T	Bromomethane	0.271	0.225	17.0	93	0.00
6	T	Chloroethane	0.241	0.236	2.1	87	0.00
7	T	Trichlorofluoromethane	0.812	0.719	11.5	82	0.00
8	T	Diethyl Ether	0.239	0.261	-9.2	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.551	0.539	2.2	88	0.00
10	T	Methyl Iodide	0.480	0.467	2.7	80	0.00
11	T	Tert butyl alcohol	0.080	0.049	38.8#	102	0.00
12	CM	1,1-Dichloroethene	0.520	0.477	8.3#	82	0.00
13	T	Acrolein	0.030	0.025	16.7	80	0.00
14	T	Allyl chloride	0.536	0.515	3.9	84	0.00
15	T	Acrylonitrile	0.102	0.112	-9.8	94	0.00
16	T	Acetone	0.084	0.071	15.5	79	0.00
17	T	Carbon Disulfide	1.188	1.078	9.3	84	0.00
18	T	Methyl Acetate	0.270	0.243	10.0	90	-0.01
19	T	Methyl tert-butyl Ether	1.118	1.243	-11.2	94	0.00
20	T	Methylene Chloride	0.823	0.694	15.7	95	0.00
21	T	trans-1,2-Dichloroethene	0.553	0.560	-1.3	90	0.00
22	T	Diisopropyl ether	1.226	1.237	-0.9	86	0.00
23	T	Vinyl Acetate	0.521	0.562	-7.9	87	0.00
24	P	1,1-Dichloroethane	0.924	0.931	-0.8	88	0.00
25	T	2-Butanone	0.114	0.113	0.9	85	0.00
26	T	2,2-Dichloropropane	0.859	0.777	9.5	81	0.00
27	T	cis-1,2-Dichloroethene	0.656	0.661	-0.8	88	0.00
28	T	Bromochloromethane	0.294	0.328	-11.6	94	0.00
29	T	Tetrahydrofuran	0.065	0.070	-7.7	90	0.00
30	C	Chloroform	1.039	1.057	-1.7#	89	0.00
31	T	Cyclohexane	0.731	0.658	10.0	87	0.00
32	T	1,1,1-Trichloroethane	0.892	0.906	-1.6	88	0.00
33	S	1,2-Dichloroethane-d4	0.430	0.441	-2.6	92	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35	S	Dibromofluoromethane	0.369	0.342	7.3	94	0.00
36	T	1,1-Dichloropropene	0.454	0.428	5.7	84	0.00
37	T	Ethyl Acetate	0.150	0.164	-9.3	90	0.00
38	T	Carbon Tetrachloride	0.435	0.436	-0.2	87	0.00
39	T	Methylcyclohexane	0.538	0.494	8.2	84	0.00
40	TM	Benzene	1.340	1.350	-0.7	89	0.00
41	T	Methacrylonitrile	0.090	0.089	1.1	88	0.00
42	TM	1,2-Dichloroethane	0.336	0.360	-7.1	96	0.00
43	T	Isopropyl Acetate	0.291	0.310	-6.5	92	0.00
44	TM	Trichloroethene	0.410	0.401	2.2	88	0.00
45	C	1,2-Dichloropropane	0.318	0.331	-4.1#	91	0.00
46	T	Dibromomethane	0.188	0.195	-3.7	90	0.00
47	T	Bromodichloromethane	0.486	0.477	1.9	86	0.00
48	T	Methyl methacrylate	0.130	0.143	-10.0	91	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	88	0.00
50	S	Toluene-d8	1.137	1.155	-1.6	92	0.00
51	T	4-Methyl-2-Pentanone	0.149	0.156	-4.7	91	0.00
52	CM	Toluene	0.866	0.871	-0.6#	89	0.00
53	T	t-1,3-Dichloropropene	0.404	0.406	-0.5	90	0.00
54	T	cis-1,3-Dichloropropene	0.515	0.498	3.3	85	0.00
55	T	1,1,2-Trichloroethane	0.261	0.278	-6.5	93	0.00
56	T	Ethyl methacrylate	0.293	0.307	-4.8	90	0.00
57	T	1,3-Dichloropropane	0.426	0.434	-1.9	94	0.00
58	T	2-Chloroethyl Vinyl ether	0.047	0.048	-2.1	93	0.00
59	T	2-Hexanone	0.101	0.106	-5.0	90	0.00
60	T	Dibromochloromethane	0.327	0.347	-6.1	94	0.00
61	T	1,2-Dibromoethane	0.254	0.265	-4.3	94	0.00
62	S	4-Bromofluorobenzene	0.457	0.381	16.6	92	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64	T	Tetrachloroethene	0.388	0.362	6.7	92	0.00
65	PM	Chlorobenzene	1.083	1.079	0.4	91	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.411	-4.8	93	0.00
67	C	Ethyl Benzene	1.905	1.887	0.9#	88	0.00
68	T	m/p-Xylenes	0.748	0.772	-3.2	90	0.00
69	T	o-Xylene	0.693	0.734	-5.9	93	0.00
70	T	Styrene	1.209	1.275	-5.5	90	0.00
71	P	Bromoform	0.216	0.242	-12.0	96	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73	T	Isopropylbenzene	3.712	3.541	4.6	89	0.00
74	T	N-amyl acetate	0.585	0.554	5.3	88	0.00
75	P	1,1,2,2-Tetrachloroethane	0.648	0.639	1.4	94	0.00
76	T	1,2,3-Trichloropropane	0.391	0.440	-12.5	114	0.00
77	T	Bromobenzene	0.879	0.864	1.7	94	0.00
78	T	n-propylbenzene	4.466	4.221	5.5	89	0.00
79	T	2-Chlorotoluene	2.410	2.328	3.4	90	0.00
80	T	1,3,5-Trimethylbenzene	3.071	2.977	3.1	91	0.00
81	T	trans-1,4-Dichloro-2-butene	0.160	0.157	1.9	93	0.00
82	T	4-Chlorotoluene	2.471	2.424	1.9	92	0.00
83	T	tert-Butylbenzene	2.779	2.649	4.7	90	0.00
84	T	1,2,4-Trimethylbenzene	3.057	2.964	3.0	90	0.00
85	T	sec-Butylbenzene	4.159	3.929	5.5	89	0.00
86	T	p-Isopropyltoluene	3.476	3.331	4.2	89	0.00
87	T	1,3-Dichlorobenzene	1.805	1.777	1.6	93	0.00
88	T	1,4-Dichlorobenzene	1.807	1.750	3.2	91	0.00
89	T	n-Butylbenzene	3.223	3.087	4.2	90	0.00
90	T	Hexachloroethane	0.615	0.592	3.7	92	0.00
91	T	1,2-Dichlorobenzene	1.574	1.584	-0.6	94	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.081	0.089	-9.9	96	0.00
93	T	1,2,4-Trichlorobenzene	1.066	1.007	5.5	93	0.00
94	T	Hexachlorobutadiene	0.584	0.532	8.9	91	0.00
95	T	Naphthalene	1.941	1.926	0.8	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.914	0.879	3.8	92	0.00

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