Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100722\
Data File : VD074495.D
Acq On : 07 Oct 2022 17:16
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Oct 08 02:25:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 01:54:40 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	86	0.00
2	T	Dichlorodifluoromethane	0.441	0.452	-2.5	79	0.00
3	P	Chloromethane	0.609	0.552	9.4	78	0.00
4	C	Vinyl Chloride	0.528	0.529	-0.2#	79	0.00
5	T	Bromomethane	0.309	0.316	-2.3	90	0.00
6	T	Chloroethane	0.348	0.351	-0.9	82	0.00
7	T	Trichlorofluoromethane	0.865	0.864	0.1	80	0.00
8	T	Diethyl Ether	0.268	0.264	1.5	77	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.559	0.560	-0.2	82	0.00
10	T	Methyl Iodide	0.603	0.619	-2.7	74	0.00
11	T	Tert butyl alcohol	0.069	0.038	44.9#	75	0.00
12	CM	1,1-Dichloroethene	0.589	0.577	2.0#	80	0.00
13	T	Acrolein	0.029	0.024	17.2	65	0.00
14	T	Allyl chloride	0.675	0.620	8.1	74	0.00
15	T	Acrylonitrile	0.106	0.104	1.9	77	0.00
16	T	Acetone	0.098	0.072	26.5#	49#	0.00
17	T	Carbon Disulfide	1.860	1.782	4.2	78	0.00
18	T	Methyl Acetate	0.270	0.237	12.2	73	0.00
19	T	Methyl tert-butyl Ether	1.161	1.130	2.7	78	0.00
20	T	Methylene Chloride	0.830	0.747	10.0	94	0.00
21	T	trans-1,2-Dichloroethene	0.652	0.638	2.1	81	0.00
22	T	Diisopropyl ether	1.375	1.261	8.3	74	0.00
23	T	Vinyl Acetate	0.632	0.537	15.0	63	0.00
24	P	1,1-Dichloroethane	0.998	0.909	8.9	75	0.00
25	T	2-Butanone	0.127	0.105	17.3	61	0.00
26	T	2,2-Dichloropropane	0.881	0.807	8.4	77	0.00
27	T	cis-1,2-Dichloroethene	0.689	0.647	6.1	80	0.00
28	T	Bromochloromethane	0.295	0.284	3.7	78	0.00
29	T	Tetrahydrofuran	0.071	0.066	7.0	74	0.00
30	C	Chloroform	1.031	0.961	6.8#	80	0.00
31	T	Cyclohexane	0.892	0.813	8.9	79	0.00
32	T	1,1,1-Trichloroethane	0.911	0.856	6.0	81	0.00
33	S	1,2-Dichloroethane-d4	0.444	0.440	0.9	79	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35	S	Dibromofluoromethane	0.330	0.304	7.9	84	0.00
36	T	1,1-Dichloropropene	0.463	0.435	6.0	80	0.00
37	T	Ethyl Acetate	0.152	0.144	5.3	75	0.00
38	T	Carbon Tetrachloride	0.410	0.412	-0.5	82	0.00
39	T	Methylcyclohexane	0.567	0.564	0.5	80	0.00
40	TM	Benzene	1.344	1.309	2.6	81	0.00
41	T	Methacrylonitrile	0.083	0.074	10.8	85	0.00
42	TM	1,2-Dichloroethane	0.318	0.309	2.8	81	0.00
43	T	Isopropyl Acetate	0.290	0.267	7.9	74	0.00
44	TM	Trichloroethene	0.378	0.369	2.4	83	0.00
45	C	1,2-Dichloropropane	0.312	0.301	3.5#	81	0.00
46	T	Dibromomethane	0.173	0.174	-0.6	80	0.00
47	T	Bromodichloromethane	0.432	0.414	4.2	80	0.00
48	T	Methyl methacrylate	0.135	0.129	4.4	77	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	80	0.00
50	S	Toluene-d8	1.123	1.238	-10.2	83	0.00
51	T	4-Methyl-2-Pentanone	0.144	0.139	3.5	75	0.00
52	CM	Toluene	0.850	0.851	-0.1#	81	0.00
53	T	t-1,3-Dichloropropene	0.394	0.377	4.3	77	0.00
54	T	cis-1,3-Dichloropropene	0.485	0.471	2.9	79	0.00
55	T	1,1,2-Trichloroethane	0.243	0.236	2.9	81	0.00
56	T	Ethyl methacrylate	0.273	0.274	-0.4	77	0.00
57	T	1,3-Dichloropropane	0.392	0.385	1.8	79	0.00
58	T	2-Chloroethyl Vinyl ether	0.054	0.047	13.0	66	0.00
59	T	2-Hexanone	0.099	0.092	7.1	67	0.00
60	T	Dibromochloromethane	0.283	0.286	-1.1	84	0.00
61	T	1,2-Dibromoethane	0.225	0.219	2.7	79	0.00
62	S	4-Bromofluorobenzene	0.421	0.346	17.8	80	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64	T	Tetrachloroethene	0.347	0.322	7.2	81	0.00
65	PM	Chlorobenzene	0.999	0.977	2.2	83	0.00
66	T	1,1,1,2-Tetrachloroethane	0.336	0.335	0.3	84	0.00
67	C	Ethyl Benzene	1.801	1.768	1.8#	81	0.00
68	T	m/p-Xylenes	0.708	0.705	0.4	81	0.00
69	T	o-Xylene	0.650	0.658	-1.2	84	0.00
70	T	Styrene	1.114	1.126	-1.1	81	0.00
71	P	Bromoform	0.177	0.173	2.3	80	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.00
73	T	Isopropylbenzene	3.677	3.711	-0.9	82	0.00
74	T	N-amyl acetate	0.629	0.595	5.4	75	0.00
75	P	1,1,2,2-Tetrachloroethane	0.611	0.592	3.1	79	0.00
76	T	1,2,3-Trichloropropane	0.384	0.417	-8.6	98	0.00
77	T	Bromobenzene	0.836	0.824	1.4	83	0.00
78	T	n-propylbenzene	4.492	4.496	-0.1	81	0.00
79	T	2-Chlorotoluene	2.393	2.372	0.9	81	0.00
80	T	1,3,5-Trimethylbenzene	3.038	3.039	-0.0	81	0.00
81	T	trans-1,4-Dichloro-2-butene	0.172	0.153	11.0	67	0.00
82	T	4-Chlorotoluene	2.443	2.444	-0.0	81	0.00
83	T	tert-Butylbenzene	2.614	2.655	-1.6	81	0.00
84	T	1,2,4-Trimethylbenzene	2.985	2.990	-0.2	80	0.00
85	T	sec-Butylbenzene	4.027	4.004	0.6	80	0.00
86	T	p-Isopropyltoluene	3.322	3.285	1.1	80	0.00
87	T	1,3-Dichlorobenzene	1.692	1.695	-0.2	81	0.00
88	T	1,4-Dichlorobenzene	1.684	1.687	-0.2	83	0.00
89	T	n-Butylbenzene	3.111	3.146	-1.1	81	0.00
90	T	Hexachloroethane	0.589	0.584	0.8	81	0.00
91	T	1,2-Dichlorobenzene	1.439	1.458	-1.3	82	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.090	0.086	4.4	84	0.00
93	T	1,2,4-Trichlorobenzene	0.934	0.934	0.0	83	0.00
94	T	Hexachlorobutadiene	0.487	0.478	1.8	83	0.00
95	T	Naphthalene	1.782	1.751	1.7	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.809	0.787	2.7	82	0.00

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