Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
Data File : VD074682.D
Acq On : 28 Oct 2022 20:05
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Oct 29 02:16:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 28 00:18:17 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	98	0.00
2	T	Dichlorodifluoromethane	0.431	0.382	11.4	94	0.00
3	P	Chloromethane	0.670	0.561	16.3	89	0.00
4	C	Vinyl Chloride	0.714	0.658	7.8#	92	0.00
5	T	Bromomethane	0.583	0.512	12.2	101	0.00
6	T	Chloroethane	0.486	0.455	6.4	95	0.00
7	T	Trichlorofluoromethane	0.830	0.805	3.0	97	0.00
8	T	Diethyl Ether	0.251	0.229	8.8	92	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.514	0.510	0.8	98	0.00
10	T	Methyl Iodide	0.592	0.606	-2.4	98	0.00
11	T	Tert butyl alcohol	0.058	0.031	46.6#	91	0.01
12	CM	1,1-Dichloroethene	0.545	0.528	3.1#	98	0.00
13	T	Acrolein	0.037	0.033	10.8	91	0.00
14	T	Allyl chloride	0.566	0.563	0.5	98	0.00
15	T	Acrylonitrile	0.097	0.090	7.2	97	0.00
16	T	Acetone	0.078	0.063	19.2	76	0.00
17	T	Carbon Disulfide	1.653	1.510	8.7	91	0.00
18	T	Methyl Acetate	0.243	0.207	14.8	99	0.00
19	T	Methyl tert-butyl Ether	1.045	1.013	3.1	96	0.00
20	T	Methylene Chloride	1.057	0.660	37.6#	97	0.00
21	T	trans-1,2-Dichloroethene	0.605	0.573	5.3	93	0.00
22	T	Diisopropyl ether	1.191	1.205	-1.2	97	0.00
23	T	Vinyl Acetate	0.463	0.477	-3.0	98	0.00
24	P	1,1-Dichloroethane	0.896	0.875	2.3	97	0.00
25	T	2-Butanone	0.107	0.096	10.3	89	0.00
26	T	2,2-Dichloropropane	0.784	0.766	2.3	97	0.00
27	T	cis-1,2-Dichloroethene	0.658	0.644	2.1	97	0.00
28	T	Bromochloromethane	0.308	0.307	0.3	100	0.00
29	T	Tetrahydrofuran	0.065	0.061	6.2	96	0.00
30	C	Chloroform	0.964	0.939	2.6#	97	0.00
31	T	Cyclohexane	0.773	0.740	4.3	93	0.00
32	T	1,1,1-Trichloroethane	0.847	0.837	1.2	96	0.00
33	S	1,2-Dichloroethane-d4	0.422	0.423	-0.2	100	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35	S	Dibromofluoromethane	0.305	0.310	-1.6	100	0.00
36	T	1,1-Dichloropropene	0.435	0.430	1.1	93	0.00
37	T	Ethyl Acetate	0.139	0.137	1.4	101	0.00
38	T	Carbon Tetrachloride	0.404	0.418	-3.5	95	0.00
39	T	Methylcyclohexane	0.532	0.546	-2.6	94	0.00
40	TM	Benzene	1.327	1.295	2.4	94	0.00
41	T	Methacrylonitrile	0.072	0.069	4.2	89	0.00
42	TM	1,2-Dichloroethane	0.312	0.291	6.7	92	0.00
43	T	Isopropyl Acetate	0.268	0.256	4.5	97	0.00
44	TM	Trichloroethene	0.389	0.376	3.3	94	0.00
45	C	1,2-Dichloropropane	0.296	0.293	1.0#	96	0.00
46	T	Dibromomethane	0.173	0.168	2.9	96	0.00
47	T	Bromodichloromethane	0.416	0.418	-0.5	98	0.00
48	T	Methyl methacrylate	0.119	0.121	-1.7	100	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	92	0.00
50	S	Toluene-d8	1.174	1.127	4.0	90	0.00
51	T	4-Methyl-2-Pentanone	0.129	0.121	6.2	89	0.00
52	CM	Toluene	0.831	0.769	7.5#	85	0.00
53	T	t-1,3-Dichloropropene	0.357	0.338	5.3	88	0.00
54	T	cis-1,3-Dichloropropene	0.455	0.422	7.3	87	0.00
55	T	1,1,2-Trichloroethane	0.236	0.216	8.5	88	0.00
56	T	Ethyl methacrylate	0.259	0.250	3.5	90	0.00
57	T	1,3-Dichloropropane	0.371	0.341	8.1	87	0.00
58	T	2-Chloroethyl Vinyl ether	0.054	0.063	-16.7	108	0.00
59	T	2-Hexanone	0.088	0.081	8.0	84	0.00
60	T	Dibromochloromethane	0.280	0.259	7.5	85	0.00
61	T	1,2-Dibromoethane	0.220	0.203	7.7	87	0.00
62	S	4-Bromofluorobenzene	0.322	0.326	-1.2	100	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64	T	Tetrachloroethene	0.354	0.345	2.5	84	0.00
65	PM	Chlorobenzene	1.013	1.025	-1.2	85	0.00
66	T	1,1,1,2-Tetrachloroethane	0.342	0.354	-3.5	87	0.00
67	C	Ethyl Benzene	1.751	1.834	-4.7#	87	0.00
68	T	m/p-Xylenes	0.691	0.727	-5.2	89	0.00
69	T	o-Xylene	0.637	0.684	-7.4	95	0.00
70	T	Styrene	1.072	1.170	-9.1	97	0.00
71	P	Bromoform	0.173	0.185	-6.9	98	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73	T	Isopropylbenzene	3.565	3.767	-5.7	97	0.00
74	T	N-amyl acetate	0.562	0.581	-3.4	97	0.00
75	P	1,1,2,2-Tetrachloroethane	0.593	0.596	-0.5	97	0.00
76	T	1,2,3-Trichloropropane	0.391	0.366	6.4	82	0.00
77	T	Bromobenzene	0.852	0.857	-0.6	95	0.00
78	T	n-propylbenzene	4.278	4.513	-5.5	95	0.00
79	T	2-Chlorotoluene	2.336	2.405	-3.0	97	0.00
80	T	1,3,5-Trimethylbenzene	2.962	3.091	-4.4	96	0.00
81	T	trans-1,4-Dichloro-2-butene	0.148	0.148	0.0	94	0.00
82	T	4-Chlorotoluene	2.411	2.480	-2.9	96	0.00
83	T	tert-Butylbenzene	2.628	2.770	-5.4	96	0.00
84	T	1,2,4-Trimethylbenzene	2.922	3.061	-4.8	95	0.00
85	T	sec-Butylbenzene	3.857	4.077	-5.7	96	0.00
86	T	p-Isopropyltoluene	3.297	3.420	-3.7	95	0.00
87	T	1,3-Dichlorobenzene	1.763	1.740	1.3	94	0.00
88	T	1,4-Dichlorobenzene	1.737	1.679	3.3	95	0.00
89	T	n-Butylbenzene	2.987	3.148	-5.4	96	0.00
90	T	Hexachloroethane	0.562	0.581	-3.4	95	0.00
91	T	1,2-Dichlorobenzene	1.495	1.498	-0.2	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.079	0.086	-8.9	102	0.00
93	T	1,2,4-Trichlorobenzene	0.959	0.940	2.0	91	0.00
94	T	Hexachlorobutadiene	0.490	0.495	-1.0	92	0.00
95	T	Naphthalene	1.762	1.736	1.5	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.826	0.817	1.1	93	0.00

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