Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
Data File : VD078152.D
Acq On : 11 Jan 2024 16:44
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jan 12 00:38:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 09 01:29:14 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	90	0.00
2	T	Dichlorodifluoromethane	0.466	0.348	25.3#	74	0.00
3	P	Chloromethane	0.636	0.534	16.0	79	0.00
4	C	Vinyl Chloride	0.894	0.753	15.8#	76	0.00
5	T	Bromomethane	0.686	0.551	19.7	78	0.00
6	T	Chloroethane	0.664	0.588	11.4	81	0.00
7	T	Trichlorofluoromethane	0.982	0.877	10.7	86	0.00
8	T	Diethyl Ether	0.258	0.262	-1.6	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.584	0.530	9.2	84	0.00
10	T	Methyl Iodide	0.513	0.471	8.2	75	0.00
11	T	Tert butyl alcohol	0.027	0.026	3.7	94	-0.02
12	CM	1,1-Dichloroethene	0.494	0.464	6.1#	84	0.00
13	T	Acrolein	0.044	0.025	43.2#	57	0.00
14	T	Allyl chloride	0.661	0.592	10.4	83	0.00
15	T	Acrylonitrile	0.121	0.123	-1.7	91	-0.01
16	T	Acetone	0.142	0.108	23.9	89	0.00
17	T	Carbon Disulfide	1.102	0.978	11.3	79	0.00
18	T	Methyl Acetate	0.474	0.520	-9.7	94	0.01
19	T	Methyl tert-butyl Ether	1.191	1.207	-1.3	91	0.00
20	T	Methylene Chloride	0.798	0.654	18.0	92	0.00
21	T	trans-1,2-Dichloroethene	0.563	0.550	2.3	88	0.00
22	T	Diisopropyl ether	1.553	1.549	0.3	88	0.00
23	T	Vinyl Acetate	0.698	0.692	0.9	90	0.00
24	P	1,1-Dichloroethane	1.084	1.042	3.9	90	0.00
25	T	2-Butanone	0.163	0.151	7.4	95	-0.01
26	T	2,2-Dichloropropane	0.969	0.907	6.4	86	0.00
27	T	cis-1,2-Dichloroethene	0.692	0.679	1.9	88	0.00
28	T	Bromochloromethane	0.393	0.458	-16.5	97	0.00
29	T	Tetrahydrofuran	0.085	0.085	0.0	90	0.00
30	C	Chloroform	1.175	1.151	2.0#	89	0.00
31	T	Cyclohexane	0.796	0.686	13.8	83	0.00
32	T	1,1,1-Trichloroethane	1.016	0.982	3.3	87	0.00
33	S	1,2-Dichloroethane-d4	0.526	0.510	3.0	92	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35	S	Dibromofluoromethane	0.360	0.338	6.1	94	0.00
36	T	1,1-Dichloropropene	0.487	0.449	7.8	84	0.00
37	T	Ethyl Acetate	0.191	0.176	7.9	89	0.00
38	T	Carbon Tetrachloride	0.560	0.506	9.6	84	0.00
39	T	Methylcyclohexane	0.535	0.479	10.5	83	0.00
40	TM	Benzene	1.452	1.362	6.2	86	0.00
41	T	Methacrylonitrile	0.112	0.119	-6.2	99	-0.02
42	TM	1,2-Dichloroethane	0.409	0.395	3.4	90	0.00
43	T	Isopropyl Acetate	0.369	0.347	6.0	89	0.00
44	TM	Trichloroethene	0.393	0.356	9.4	83	0.00
45	C	1,2-Dichloropropane	0.375	0.359	4.3#	88	0.00
46	T	Dibromomethane	0.207	0.197	4.8	88	0.00
47	T	Bromodichloromethane	0.551	0.538	2.4	90	0.00
48	T	Methyl methacrylate	0.204	0.210	-2.9	97	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	79	0.00
50	S	Toluene-d8	1.209	1.185	2.0	93	0.00
51	T	4-Methyl-2-Pentanone	0.191	0.196	-2.6	96	0.00
52	CM	Toluene	0.917	0.892	2.7#	89	0.00
53	T	t-1,3-Dichloropropene	0.489	0.468	4.3	90	0.00
54	T	cis-1,3-Dichloropropene	0.558	0.554	0.7	88	0.00
55	T	1,1,2-Trichloroethane	0.291	0.290	0.3	94	0.00
56	T	Ethyl methacrylate	0.227	0.221	2.6	92	0.00
57	T	1,3-Dichloropropane	0.472	0.477	-1.1	94	0.00
58	T	2-Chloroethyl Vinyl ether	0.103	0.118	-14.6	99	0.00
59	T	2-Hexanone	0.144	0.141	2.1	96	0.00
60	T	Dibromochloromethane	0.367	0.355	3.3	91	0.00
61	T	1,2-Dibromoethane	0.268	0.253	5.6	90	0.00
62	S	4-Bromofluorobenzene	0.421	0.382	9.3	95	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64	T	Tetrachloroethene	0.339	0.281	17.1	82	0.00
65	PM	Chlorobenzene	1.150	1.015	11.7	90	0.00
66	T	1,1,1,2-Tetrachloroethane	0.447	0.404	9.6	89	0.00
67	C	Ethyl Benzene	2.020	1.836	9.1#	88	0.00
68	T	m/p-Xylenes	0.779	0.694	10.9	86	0.00
69	T	o-Xylene	0.721	0.658	8.7	87	0.00
70	T	Styrene	1.096	1.008	8.0	88	0.00
71	P	Bromoform	0.226	0.206	8.8	87	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73	T	Isopropylbenzene	3.976	3.564	10.4	87	0.00
74	T	N-amyl acetate	0.727	0.669	8.0	94	0.00
75	P	1,1,2,2-Tetrachloroethane	0.748	0.702	6.1	97	0.00
76	T	1,2,3-Trichloropropane	0.492	0.486	1.2	97	0.00
77	T	Bromobenzene	0.913	0.794	13.0	88	0.00
78	T	n-propylbenzene	4.819	4.351	9.7	88	0.00
79	T	2-Chlorotoluene	2.564	2.302	10.2	87	0.00
80	T	1,3,5-Trimethylbenzene	3.299	2.959	10.3	86	0.00
81	T	trans-1,4-Dichloro-2-butene	0.221	0.215	2.7	98	0.00
82	T	4-Chlorotoluene	2.758	2.473	10.3	90	0.00
83	T	tert-Butylbenzene	2.889	2.541	12.0	84	0.00
84	T	1,2,4-Trimethylbenzene	3.276	3.030	7.5	88	0.00
85	T	sec-Butylbenzene	4.232	3.821	9.7	86	0.00
86	T	p-Isopropyltoluene	3.747	3.273	12.7	83	0.00
87	T	1,3-Dichlorobenzene	1.895	1.731	8.7	89	0.00
88	T	1,4-Dichlorobenzene	1.872	1.640	12.4	86	0.00
89	T	n-Butylbenzene	3.559	3.173	10.8	86	0.00
90	T	Hexachloroethane	0.770	0.665	13.6	86	0.00
91	T	1,2-Dichlorobenzene	1.635	1.452	11.2	89	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.101	0.101	0.0	98	0.00
93	T	1,2,4-Trichlorobenzene	1.012	0.898	11.3	89	0.00
94	T	Hexachlorobutadiene	0.571	0.475	16.8	86	0.00
95	T	Naphthalene	1.794	1.730	3.6	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.863	0.807	6.5	93	0.00

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