Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012723\
Data File : VD075227.D
Acq On : 27 Jan 2023 16:23
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jan 30 01:04:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
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	74	0.00
2	T	Dichlorodifluoromethane	0.435	0.400	8.0	82	0.00
3	P	Chloromethane	0.646	0.655	-1.4	80	0.00
4	C	Vinyl Chloride	0.693	0.691	0.3#	78	0.00
5	T	Bromomethane	0.471	0.477	-1.3	79	0.00
6	T	Chloroethane	0.481	0.501	-4.2	79	0.00
7	T	Trichlorofluoromethane	0.881	0.978	-11.0	86	0.00
8	T	Diethyl Ether	0.284	0.310	-9.2	77	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.544	0.617	-13.4	89	0.00
10	T	Methyl Iodide	0.732	0.710	3.0	66	0.00
11	T	Tert butyl alcohol	0.036	0.034	5.6	75	0.00
12	CM	1,1-Dichloroethene	0.573	0.614	-7.2#	81	0.00
13	T	Acrolein	0.035	0.021	40.0#	53	0.00
14	T	Allyl chloride	0.929	1.016	-9.4	78	0.00
15	T	Acrylonitrile	0.120	0.145	-20.8	83	0.00
16	T	Acetone	0.135	0.168	-24.4	78	0.00
17	T	Carbon Disulfide	1.857	1.892	-1.9	77	0.00
18	T	Methyl Acetate	0.366	0.424	-15.8	82	0.00
19	T	Methyl tert-butyl Ether	1.196	1.392	-16.4	80	0.00
20	T	Methylene Chloride	0.849	0.746	12.1	70	0.00
21	T	trans-1,2-Dichloroethene	0.637	0.694	-8.9	79	0.00
22	T	Diisopropyl ether	1.729	1.999	-15.6	81	0.00
23	T	Vinyl Acetate	0.762	0.991	-30.1#	94	0.00
24	P	1,1-Dichloroethane	1.087	1.240	-14.1	83	0.00
25	T	2-Butanone	0.163	0.194	-19.0	79	0.00
26	T	2,2-Dichloropropane	0.969	1.009	-4.1	78	0.00
27	T	cis-1,2-Dichloroethene	0.695	0.778	-11.9	80	0.00
28	T	Bromochloromethane	0.297	0.314	-5.7	79	0.00
29	T	Tetrahydrofuran	0.093	0.112	-20.4	82	0.00
30	C	Chloroform	1.084	1.237	-14.1#	82	0.00
31	T	Cyclohexane	1.023	1.045	-2.2	83	0.00
32	T	1,1,1-Trichloroethane	0.934	1.054	-12.8	84	0.00
33	S	1,2-Dichloroethane-d4	0.510	0.554	-8.6	77	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35	S	Dibromofluoromethane	0.302	0.323	-7.0	73	-0.01
36	T	1,1-Dichloropropene	0.485	0.545	-12.4	83	0.00
37	T	Ethyl Acetate	0.196	0.248	-26.5#	88	0.00
38	T	Carbon Tetrachloride	0.409	0.511	-24.9	91	0.00
39	T	Methylcyclohexane	0.598	0.653	-9.2	83	0.00
40	TM	Benzene	1.384	1.584	-14.5	80	0.00
41	T	Methacrylonitrile	0.118	0.134	-13.6	85	0.00
42	TM	1,2-Dichloroethane	0.364	0.443	-21.7	84	0.00
43	T	Isopropyl Acetate	0.381	0.458	-20.2	83	0.00
44	TM	Trichloroethene	0.389	0.420	-8.0	76	0.00
45	C	1,2-Dichloropropane	0.341	0.399	-17.0#	82	0.00
46	T	Dibromomethane	0.180	0.218	-21.1	82	0.00
47	T	Bromodichloromethane	0.446	0.539	-20.9	83	0.00
48	T	Methyl methacrylate	0.186	0.219	-17.7	83	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	89	0.00
50	S	Toluene-d8	1.190	1.275	-7.1	75	0.00
51	T	4-Methyl-2-Pentanone	0.183	0.234	-27.9#	88	0.00
52	CM	Toluene	0.875	1.006	-15.0#	80	0.00
53	T	t-1,3-Dichloropropene	0.422	0.509	-20.6	83	0.00
54	T	cis-1,3-Dichloropropene	0.516	0.615	-19.2	80	0.00
55	T	1,1,2-Trichloroethane	0.238	0.294	-23.5	84	0.00
56	T	Ethyl methacrylate	0.286	0.347	-21.3	80	0.00
57	T	1,3-Dichloropropane	0.409	0.504	-23.2	82	0.00
58	T	2-Chloroethyl Vinyl ether	0.098	0.114	-16.3	85	0.00
59	T	2-Hexanone	0.132	0.171	-29.5#	86	0.00
60	T	Dibromochloromethane	0.287	0.346	-20.6	81	0.00
61	T	1,2-Dibromoethane	0.227	0.275	-21.1	82	0.00
62	S	4-Bromofluorobenzene	0.378	0.402	-6.3	73	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
64	T	Tetrachloroethene	0.357	0.380	-6.4	78	0.00
65	PM	Chlorobenzene	1.025	1.163	-13.5	80	0.00
66	T	1,1,1,2-Tetrachloroethane	0.345	0.408	-18.3	85	0.00
67	C	Ethyl Benzene	1.844	2.127	-15.3#	83	0.00
68	T	m/p-Xylenes	0.712	0.834	-17.1	84	0.00
69	T	o-Xylene	0.668	0.756	-13.2	79	0.00
70	T	Styrene	1.111	1.324	-19.2	83	0.00
71	P	Bromoform	0.178	0.220	-23.6	85	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
73	T	Isopropylbenzene	3.949	4.249	-7.6	85	0.00
74	T	N-amyl acetate	0.865	0.940	-8.7	84	0.00
75	P	1,1,2,2-Tetrachloroethane	0.629	0.710	-12.9	85	0.00
76	T	1,2,3-Trichloropropane	0.423	0.449	-6.1	87	0.00
77	T	Bromobenzene	0.902	0.932	-3.3	77	0.00
78	T	n-propylbenzene	4.853	5.239	-8.0	85	0.00
79	T	2-Chlorotoluene	2.669	2.840	-6.4	82	0.00
80	T	1,3,5-Trimethylbenzene	3.236	3.506	-8.3	83	0.00
81	T	trans-1,4-Dichloro-2-butene	0.183	0.214	-16.9	90	0.00
82	T	4-Chlorotoluene	2.744	2.979	-8.6	84	0.00
83	T	tert-Butylbenzene	2.800	2.970	-6.1	84	0.00
84	T	1,2,4-Trimethylbenzene	3.178	3.486	-9.7	85	0.00
85	T	sec-Butylbenzene	4.253	4.609	-8.4	86	0.00
86	T	p-Isopropyltoluene	3.482	3.821	-9.7	86	0.00
87	T	1,3-Dichlorobenzene	1.749	1.892	-8.2	83	0.00
88	T	1,4-Dichlorobenzene	1.720	1.879	-9.2	84	0.00
89	T	n-Butylbenzene	3.393	3.672	-8.2	86	0.00
90	T	Hexachloroethane	0.615	0.688	-11.9	90	0.00
91	T	1,2-Dichlorobenzene	1.496	1.658	-10.8	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.096	0.115	-19.8	86	0.00
93	T	1,2,4-Trichlorobenzene	0.982	1.035	-5.4	80	0.00
94	T	Hexachlorobutadiene	0.481	0.493	-2.5	80	0.00
95	T	Naphthalene	1.956	2.024	-3.5	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.838	0.906	-8.1	82	0.00

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