Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
Data File : VD076149.D
Acq On : 19 May 2023 10:30
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 19 15:17:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 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	0.451	0.398	11.8	74	0.00
3	P	Chloromethane	0.857	0.778	9.2	77	0.00
4	C	Vinyl Chloride	0.973	0.976	-0.3#	82	0.00
5	T	Bromomethane	0.655	0.664	-1.4	80	0.00
6	T	Chloroethane	0.654	0.684	-4.6	84	0.00
7	T	Trichlorofluoromethane	0.824	0.751	8.9	77	0.00
8	T	Diethyl Ether	0.271	0.267	1.5	73	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.543	0.502	7.6	79	0.00
10	T	Methyl Iodide	0.565	0.613	-8.5	75	0.00
11	T	Tert butyl alcohol	0.026	0.026	0.0	77	0.01
12	CM	1,1-Dichloroethene	0.540	0.493	8.7#	73	0.00
13	T	Acrolein	0.063	0.071	-12.7	82	0.00
14	T	Allyl chloride	0.548	0.510	6.9	69	0.00
15	T	Acrylonitrile	0.112	0.122	-8.9	79	0.00
16	T	Acetone	0.096	0.107	-11.5	79	0.00
17	T	Carbon Disulfide	1.620	1.453	10.3	74	0.00
18	T	Methyl Acetate	0.343	0.369	-7.6	79	0.00
19	T	Methyl tert-butyl Ether	1.058	1.134	-7.2	76	0.00
20	T	Methylene Chloride	1.029	0.709	31.1#	68	0.00
21	T	trans-1,2-Dichloroethene	0.623	0.606	2.7	73	-0.01
22	T	Diisopropyl ether	1.273	1.367	-7.4	75	0.00
23	T	Vinyl Acetate	0.501	0.531	-6.0	74	0.00
24	P	1,1-Dichloroethane	1.004	1.009	-0.5	77	0.00
25	T	2-Butanone	0.121	0.138	-14.0	82	0.00
26	T	2,2-Dichloropropane	0.819	0.802	2.1	77	0.00
27	T	cis-1,2-Dichloroethene	0.691	0.698	-1.0	73	0.00
28	T	Bromochloromethane	0.335	0.347	-3.6	79	0.00
29	T	Tetrahydrofuran	0.070	0.080	-14.3	79	0.00
30	C	Chloroform	1.074	1.093	-1.8#	78	0.00
31	T	Cyclohexane	0.740	0.679	8.2	76	0.00
32	T	1,1,1-Trichloroethane	0.856	0.827	3.4	76	0.00
33	S	1,2-Dichloroethane-d4	0.483	0.488	-1.0	80	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
35	S	Dibromofluoromethane	0.346	0.329	4.9	77	0.00
36	T	1,1-Dichloropropene	0.467	0.454	2.8	78	0.00
37	T	Ethyl Acetate	0.162	0.170	-4.9	77	0.00
38	T	Carbon Tetrachloride	0.422	0.389	7.8	77	0.00
39	T	Methylcyclohexane	0.537	0.488	9.1	76	0.00
40	TM	Benzene	1.501	1.473	1.9	77	0.00
41	T	Methacrylonitrile	0.089	0.088	1.1	68	0.00
42	TM	1,2-Dichloroethane	0.355	0.365	-2.8	81	0.00
43	T	Isopropyl Acetate	0.302	0.299	1.0	77	0.00
44	TM	Trichloroethene	0.423	0.374	11.6	71	0.00
45	C	1,2-Dichloropropane	0.370	0.367	0.8#	78	0.00
46	T	Dibromomethane	0.207	0.212	-2.4	81	0.00
47	T	Bromodichloromethane	0.499	0.501	-0.4	79	0.00
48	T	Methyl methacrylate	0.134	0.131	2.2	73	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	83	0.00
50	S	Toluene-d8	1.347	1.310	2.7	77	0.00
51	T	4-Methyl-2-Pentanone	0.161	0.172	-6.8	79	0.00
52	CM	Toluene	0.937	0.948	-1.2#	78	0.00
53	T	t-1,3-Dichloropropene	0.449	0.464	-3.3	78	0.00
54	T	cis-1,3-Dichloropropene	0.548	0.565	-3.1	78	0.00
55	T	1,1,2-Trichloroethane	0.298	0.315	-5.7	83	0.00
56	T	Ethyl methacrylate	0.299	0.321	-7.4	77	0.00
57	T	1,3-Dichloropropane	0.467	0.485	-3.9	80	0.00
58	T	2-Chloroethyl Vinyl ether	0.143	0.155	-8.4	80	0.00
59	T	2-Hexanone	0.113	0.122	-8.0	78	0.00
60	T	Dibromochloromethane	0.335	0.344	-2.7	80	0.00
61	T	1,2-Dibromoethane	0.265	0.278	-4.9	82	0.00
62	S	4-Bromofluorobenzene	0.374	0.375	-0.3	82	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64	T	Tetrachloroethene	0.384	0.317	17.4	71	0.00
65	PM	Chlorobenzene	1.138	1.058	7.0	78	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.368	6.1	80	0.00
67	C	Ethyl Benzene	1.819	1.769	2.7#	80	0.00
68	T	m/p-Xylenes	0.743	0.736	0.9	81	0.00
69	T	o-Xylene	0.678	0.677	0.1	80	0.00
70	T	Styrene	1.176	1.223	-4.0	83	0.00
71	P	Bromoform	0.220	0.207	5.9	78	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73	T	Isopropylbenzene	3.308	3.138	5.1	81	0.00
74	T	N-amyl acetate	0.589	0.538	8.7	75	0.00
75	P	1,1,2,2-Tetrachloroethane	0.711	0.674	5.2	83	0.00
76	T	1,2,3-Trichloropropane	0.438	0.451	-3.0	101	0.00
77	T	Bromobenzene	0.887	0.800	9.8	77	0.00
78	T	n-propylbenzene	4.117	3.925	4.7	82	0.00
79	T	2-Chlorotoluene	2.279	2.145	5.9	80	0.00
80	T	1,3,5-Trimethylbenzene	2.742	2.645	3.5	81	0.00
81	T	trans-1,4-Dichloro-2-butene	0.209	0.202	3.3	82	0.00
82	T	4-Chlorotoluene	2.424	2.300	5.1	81	0.00
83	T	tert-Butylbenzene	2.317	2.218	4.3	82	0.00
84	T	1,2,4-Trimethylbenzene	2.731	2.694	1.4	82	0.00
85	T	sec-Butylbenzene	3.611	3.467	4.0	84	0.00
86	T	p-Isopropyltoluene	2.955	2.892	2.1	83	0.00
87	T	1,3-Dichlorobenzene	1.792	1.682	6.1	81	0.00
88	T	1,4-Dichlorobenzene	1.775	1.645	7.3	81	0.00
89	T	n-Butylbenzene	2.785	2.608	6.4	82	0.00
90	T	Hexachloroethane	0.608	0.543	10.7	82	0.00
91	T	1,2-Dichlorobenzene	1.573	1.475	6.2	82	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.092	0.088	4.3	82	0.00
93	T	1,2,4-Trichlorobenzene	0.915	0.779	14.9	70	0.00
94	T	Hexachlorobutadiene	0.467	0.352	24.6	67	0.00
95	T	Naphthalene	1.700	1.578	7.2	75	0.00

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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)
96 T	1,2,3-Trichlorobenzene	0.832	0.697	16.2	68	0.00

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