Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052423\
Data File : VD076207.D
Acq On : 24 May 2023 11:01
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 24 16:23:50 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	82	0.00
2	T	Dichlorodifluoromethane	0.451	0.413	8.4	86	0.00
3	P	Chloromethane	0.857	0.729	14.9	81	0.00
4	C	Vinyl Chloride	0.973	0.968	0.5#	91	0.00
5	T	Bromomethane	0.655	0.632	3.5	85	0.00
6	T	Chloroethane	0.654	0.683	-4.4	94	0.00
7	T	Trichlorofluoromethane	0.824	0.768	6.8	89	0.00
8	T	Diethyl Ether	0.271	0.269	0.7	82	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.543	0.528	2.8	93	0.00
10	T	Methyl Iodide	0.565	0.607	-7.4	83	0.00
11	T	Tert butyl alcohol	0.026	0.026	0.0	87	0.00
12	CM	1,1-Dichloroethene	0.540	0.519	3.9#	86	0.00
13	T	Acrolein	0.063	0.050	20.6	65	0.00
14	T	Allyl chloride	0.548	0.502	8.4	76	0.00
15	T	Acrylonitrile	0.112	0.115	-2.7	84	0.00
16	T	Acetone	0.096	0.107	-11.5	89	0.00
17	T	Carbon Disulfide	1.620	1.346	16.9	77	0.00
18	T	Methyl Acetate	0.343	0.354	-3.2	85	0.00
19	T	Methyl tert-butyl Ether	1.058	1.095	-3.5	83	0.00
20	T	Methylene Chloride	1.029	0.679	34.0#	73	0.00
21	T	trans-1,2-Dichloroethene	0.623	0.588	5.6	80	0.00
22	T	Diisopropyl ether	1.273	1.328	-4.3	81	0.00
23	T	Vinyl Acetate	0.501	0.625	-24.8	97	0.00
24	P	1,1-Dichloroethane	1.004	0.993	1.1	85	0.00
25	T	2-Butanone	0.121	0.129	-6.6	86	0.00
26	T	2,2-Dichloropropane	0.819	0.819	0.0	88	0.00
27	T	cis-1,2-Dichloroethene	0.691	0.691	0.0	81	0.00
28	T	Bromochloromethane	0.335	0.318	5.1	81	0.00
29	T	Tetrahydrofuran	0.070	0.074	-5.7	83	0.00
30	C	Chloroform	1.074	1.056	1.7#	85	0.00
31	T	Cyclohexane	0.740	0.718	3.0	90	0.00
32	T	1,1,1-Trichloroethane	0.856	0.836	2.3	87	0.00
33	S	1,2-Dichloroethane-d4	0.483	0.426	11.8	79	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35	S	Dibromofluoromethane	0.346	0.307	11.3	81	0.00
36	T	1,1-Dichloropropene	0.467	0.444	4.9	86	0.00
37	T	Ethyl Acetate	0.162	0.161	0.6	82	0.00
38	T	Carbon Tetrachloride	0.422	0.405	4.0	90	0.00
39	T	Methylcyclohexane	0.537	0.504	6.1	89	0.00
40	TM	Benzene	1.501	1.401	6.7	82	0.00
41	T	Methacrylonitrile	0.089	0.082	7.9	71	0.00
42	TM	1,2-Dichloroethane	0.355	0.325	8.5	81	0.00
43	T	Isopropyl Acetate	0.302	0.290	4.0	84	0.00
44	TM	Trichloroethene	0.423	0.382	9.7	82	0.00
45	C	1,2-Dichloropropane	0.370	0.345	6.8#	83	0.00
46	T	Dibromomethane	0.207	0.192	7.2	83	0.00
47	T	Bromodichloromethane	0.499	0.466	6.6	82	0.00
48	T	Methyl methacrylate	0.134	0.134	0.0	84	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	91	0.00
50	S	Toluene-d8	1.347	1.200	10.9	80	0.00
51	T	4-Methyl-2-Pentanone	0.161	0.163	-1.2	84	0.00
52	CM	Toluene	0.937	0.899	4.1#	83	0.00
53	T	t-1,3-Dichloropropene	0.449	0.425	5.3	81	0.00
54	T	cis-1,3-Dichloropropene	0.548	0.536	2.2	83	0.00
55	T	1,1,2-Trichloroethane	0.298	0.284	4.7	84	0.00
56	T	Ethyl methacrylate	0.299	0.295	1.3	80	0.00
57	T	1,3-Dichloropropane	0.467	0.450	3.6	83	0.00
58	T	2-Chloroethyl Vinyl ether	0.143	0.140	2.1	81	0.00
59	T	2-Hexanone	0.113	0.121	-7.1	86	0.00
60	T	Dibromochloromethane	0.335	0.324	3.3	85	0.00
61	T	1,2-Dibromoethane	0.265	0.253	4.5	84	0.00
62	S	4-Bromofluorobenzene	0.374	0.338	9.6	83	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64	T	Tetrachloroethene	0.384	0.335	12.8	80	0.00
65	PM	Chlorobenzene	1.138	1.078	5.3	85	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.377	3.8	87	0.00
67	C	Ethyl Benzene	1.819	1.809	0.5#	87	0.00
68	T	m/p-Xylenes	0.743	0.752	-1.2	88	0.00
69	T	o-Xylene	0.678	0.688	-1.5	86	0.00
70	T	Styrene	1.176	1.212	-3.1	88	0.00
71	P	Bromoform	0.220	0.204	7.3	82	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73	T	Isopropylbenzene	3.308	3.304	0.1	91	0.00
74	T	N-amyl acetate	0.589	0.550	6.6	82	0.00
75	P	1,1,2,2-Tetrachloroethane	0.711	0.668	6.0	88	0.00
76	T	1,2,3-Trichloropropane	0.438	0.450	-2.7	108	0.00
77	T	Bromobenzene	0.887	0.800	9.8	82	0.00
78	T	n-propylbenzene	4.117	4.050	1.6	90	0.00
79	T	2-Chlorotoluene	2.279	2.188	4.0	87	0.00
80	T	1,3,5-Trimethylbenzene	2.742	2.706	1.3	88	0.00
81	T	trans-1,4-Dichloro-2-butene	0.209	0.195	6.7	84	0.00
82	T	4-Chlorotoluene	2.424	2.253	7.1	85	0.00
83	T	tert-Butylbenzene	2.317	2.293	1.0	91	0.00
84	T	1,2,4-Trimethylbenzene	2.731	2.707	0.9	88	0.00
85	T	sec-Butylbenzene	3.611	3.592	0.5	93	0.00
86	T	p-Isopropyltoluene	2.955	2.953	0.1	91	0.00
87	T	1,3-Dichlorobenzene	1.792	1.684	6.0	87	0.00
88	T	1,4-Dichlorobenzene	1.775	1.675	5.6	89	0.00
89	T	n-Butylbenzene	2.785	2.759	0.9	92	0.00
90	T	Hexachloroethane	0.608	0.568	6.6	92	0.00
91	T	1,2-Dichlorobenzene	1.573	1.447	8.0	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.092	0.084	8.7	84	0.00
93	T	1,2,4-Trichlorobenzene	0.915	0.818	10.6	79	0.00
94	T	Hexachlorobutadiene	0.467	0.394	15.6	80	0.00
95	T	Naphthalene	1.700	1.639	3.6	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.832	0.747	10.2	78	0.00

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