Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012323\
Data File : VD075179.D
Acq On : 23 Jan 2023 16:50
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jan 24 14:29:29 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	83	0.00
2	T	Dichlorodifluoromethane	0.435	0.361	17.0	82	0.00
3	P	Chloromethane	0.646	0.595	7.9	82	0.00
4	C	Vinyl Chloride	0.693	0.615	11.3#	78	0.00
5	T	Bromomethane	0.471	0.406	13.8	75	0.00
6	T	Chloroethane	0.481	0.443	7.9	78	0.00
7	T	Trichlorofluoromethane	0.881	0.871	1.1	85	0.00
8	T	Diethyl Ether	0.284	0.290	-2.1	81	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.544	0.554	-1.8	89	0.00
10	T	Methyl Iodide	0.732	0.681	7.0	71	0.00
11	T	Tert butyl alcohol	0.036	0.032	11.1	80	0.00
12	CM	1,1-Dichloroethene	0.573	0.561	2.1#	83	0.00
13	T	Acrolein	0.035	0.041	-17.1	117	0.00
14	T	Allyl chloride	0.929	0.905	2.6	78	0.00
15	T	Acrylonitrile	0.120	0.138	-15.0	89	0.00
16	T	Acetone	0.135	0.157	-16.3	82	0.00
17	T	Carbon Disulfide	1.857	1.829	1.5	83	0.00
18	T	Methyl Acetate	0.366	0.403	-10.1	87	0.00
19	T	Methyl tert-butyl Ether	1.196	1.291	-7.9	83	0.00
20	T	Methylene Chloride	0.849	0.703	17.2	74	0.00
21	T	trans-1,2-Dichloroethene	0.637	0.653	-2.5	83	0.00
22	T	Diisopropyl ether	1.729	1.847	-6.8	84	0.00
23	T	Vinyl Acetate	0.762	0.617	19.0	65	0.00
24	P	1,1-Dichloroethane	1.087	1.143	-5.2	86	0.00
25	T	2-Butanone	0.163	0.188	-15.3	86	0.00
26	T	2,2-Dichloropropane	0.969	0.908	6.3	79	0.00
27	T	cis-1,2-Dichloroethene	0.695	0.720	-3.6	83	0.00
28	T	Bromochloromethane	0.297	0.303	-2.0	85	0.00
29	T	Tetrahydrofuran	0.093	0.109	-17.2	89	0.00
30	C	Chloroform	1.084	1.140	-5.2#	85	0.00
31	T	Cyclohexane	1.023	0.999	2.3	89	0.00
32	T	1,1,1-Trichloroethane	0.934	0.976	-4.5	87	0.00
33	S	1,2-Dichloroethane-d4	0.510	0.560	-9.8	87	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35	S	Dibromofluoromethane	0.302	0.318	-5.3	84	0.00
36	T	1,1-Dichloropropene	0.485	0.485	0.0	87	0.00
37	T	Ethyl Acetate	0.196	0.203	-3.6	85	0.00
38	T	Carbon Tetrachloride	0.409	0.405	1.0	85	0.00
39	T	Methylcyclohexane	0.598	0.598	0.0	89	0.00
40	TM	Benzene	1.384	1.415	-2.2	84	0.00
41	T	Methacrylonitrile	0.118	0.135	-14.4	101	0.01
42	TM	1,2-Dichloroethane	0.364	0.384	-5.5	85	0.00
43	T	Isopropyl Acetate	0.381	0.401	-5.2	85	0.00
44	TM	Trichloroethene	0.389	0.379	2.6	81	0.00
45	C	1,2-Dichloropropane	0.341	0.353	-3.5#	85	0.00
46	T	Dibromomethane	0.180	0.190	-5.6	85	0.00
47	T	Bromodichloromethane	0.446	0.462	-3.6	83	0.00
48	T	Methyl methacrylate	0.186	0.199	-7.0	89	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	85	0.00
50	S	Toluene-d8	1.190	1.250	-5.0	87	0.00
51	T	4-Methyl-2-Pentanone	0.183	0.205	-12.0	91	0.00
52	CM	Toluene	0.875	0.883	-0.9#	82	0.00
53	T	t-1,3-Dichloropropene	0.422	0.431	-2.1	82	0.00
54	T	cis-1,3-Dichloropropene	0.516	0.531	-2.9	81	0.00
55	T	1,1,2-Trichloroethane	0.238	0.253	-6.3	85	0.00
56	T	Ethyl methacrylate	0.286	0.316	-10.5	86	0.00
57	T	1,3-Dichloropropane	0.409	0.430	-5.1	82	0.00
58	T	2-Chloroethyl Vinyl ether	0.098	0.098	0.0	86	0.00
59	T	2-Hexanone	0.132	0.150	-13.6	89	0.00
60	T	Dibromochloromethane	0.287	0.299	-4.2	82	0.00
61	T	1,2-Dibromoethane	0.227	0.242	-6.6	85	0.00
62	S	4-Bromofluorobenzene	0.378	0.397	-5.0	85	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64	T	Tetrachloroethene	0.357	0.334	6.4	81	0.00
65	PM	Chlorobenzene	1.025	1.016	0.9	82	0.00
66	T	1,1,1,2-Tetrachloroethane	0.345	0.343	0.6	84	0.00
67	C	Ethyl Benzene	1.844	1.857	-0.7#	85	0.00
68	T	m/p-Xylenes	0.712	0.722	-1.4	86	0.00
69	T	o-Xylene	0.668	0.683	-2.2	84	0.00
70	T	Styrene	1.111	1.140	-2.6	84	0.00
71	P	Bromoform	0.178	0.189	-6.2	85	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73	T	Isopropylbenzene	3.949	3.801	3.7	86	0.00
74	T	N-amyl acetate	0.865	0.861	0.5	87	0.00
75	P	1,1,2,2-Tetrachloroethane	0.629	0.668	-6.2	91	0.00
76	T	1,2,3-Trichloropropane	0.423	0.838	-98.1#	185#	0.00
77	T	Bromobenzene	0.902	0.844	6.4	80	0.00
78	T	n-propylbenzene	4.853	4.729	2.6	87	0.00
79	T	2-Chlorotoluene	2.669	2.565	3.9	85	0.00
80	T	1,3,5-Trimethylbenzene	3.236	3.140	3.0	85	0.00
81	T	trans-1,4-Dichloro-2-butene	0.183	0.186	-1.6	89	0.00
82	T	4-Chlorotoluene	2.744	2.655	3.2	86	0.00
83	T	tert-Butylbenzene	2.800	2.770	1.1	89	0.00
84	T	1,2,4-Trimethylbenzene	3.178	3.084	3.0	85	0.00
85	T	sec-Butylbenzene	4.253	4.144	2.6	88	0.00
86	T	p-Isopropyltoluene	3.482	3.363	3.4	86	0.00
87	T	1,3-Dichlorobenzene	1.749	1.677	4.1	83	0.00
88	T	1,4-Dichlorobenzene	1.720	1.658	3.6	84	0.00
89	T	n-Butylbenzene	3.393	3.308	2.5	88	0.00
90	T	Hexachloroethane	0.615	0.582	5.4	86	0.00
91	T	1,2-Dichlorobenzene	1.496	1.486	0.7	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.096	0.094	2.1	80	0.00
93	T	1,2,4-Trichlorobenzene	0.982	0.915	6.8	80	0.00
94	T	Hexachlorobutadiene	0.481	0.439	8.7	81	0.00
95	T	Naphthalene	1.956	1.842	5.8	84	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.838	0.777	7.3	80	0.00

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