Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
Data File : VY016829.D
Acq On : 22 Dec 2023 23:24
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Dec 23 00:56:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 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	0.02
2	T	Dichlorodifluoromethane	0.427	0.378	11.5	88	0.00
3	P	Chloromethane	0.657	0.653	0.6	98	0.01
4	C	Vinyl Chloride	0.742	0.742	0.0	93	0.01
5	T	Bromomethane	0.528	0.533	-0.9	100	0.01
6	T	Chloroethane	0.503	0.510	-1.4	97	0.01
7	T	Trichlorofluoromethane	0.864	0.839	2.9	91	0.02
8	T	Diethyl Ether	0.276	0.270	2.2	89	0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.530	0.523	1.3	92	0.02
10	T	Methyl Iodide	0.552	0.476	13.8	76	0.02
11	T	Tert butyl alcohol	0.037	0.036	2.7	91	0.01
12	CM	1,1-Dichloroethene	0.472	0.481	-1.9#	93	0.02
13	T	Acrolein	0.029	0.026	10.3	69	0.02
14	T	Allyl chloride	0.723	0.784	-8.4	97	0.02
15	T	Acrylonitrile	0.117	0.123	-5.1	90	0.02
16	T	Acetone	0.123	0.100	18.7	83	0.01
17	T	Carbon Disulfide	1.284	1.340	-4.4	92	0.02
18	T	Methyl Acetate	0.482	0.554	-14.9	90	0.02
19	T	Methyl tert-butyl Ether	1.215	1.197	1.5	88	0.03
20	T	Methylene Chloride	0.723	0.586	18.9	91	0.02
21	T	trans-1,2-Dichloroethene	0.538	0.566	-5.2	95	0.02
22	T	Diisopropyl ether	1.636	1.775	-8.5	96	0.02
23	T	Vinyl Acetate	0.774	0.780	-0.8	90	0.02
24	P	1,1-Dichloroethane	0.983	1.047	-6.5	97	0.03
25	T	2-Butanone	0.170	0.158	7.1	89	0.02
26	T	2,2-Dichloropropane	0.857	0.862	-0.6	94	0.02
27	T	cis-1,2-Dichloroethene	0.620	0.651	-5.0	94	0.02
28	T	Bromochloromethane	0.389	0.436	-12.1	83	0.02
29	T	Tetrahydrofuran	0.093	0.100	-7.5	90	0.02
30	C	Chloroform	1.006	1.059	-5.3#	97	0.02
31	T	Cyclohexane	0.875	0.868	0.8	94	0.02
32	T	1,1,1-Trichloroethane	0.883	0.906	-2.6	95	0.02
33	S	1,2-Dichloroethane-d4	0.456	0.471	-3.3	74	0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.01
35	S	Dibromofluoromethane	0.286	0.282	1.4	74	0.02
36	T	1,1-Dichloropropene	0.459	0.453	1.3	95	0.02
37	T	Ethyl Acetate	0.197	0.196	0.5	90	0.02
38	T	Carbon Tetrachloride	0.454	0.438	3.5	94	0.02
39	T	Methylcyclohexane	0.530	0.531	-0.2	94	0.02
40	TM	Benzene	1.336	1.362	-1.9	97	0.02
41	T	Methacrylonitrile	0.104	0.111	-6.7	87	0.02
42	TM	1,2-Dichloroethane	0.349	0.346	0.9	92	0.01
43	T	Isopropyl Acetate	0.382	0.373	2.4	91	0.02
44	TM	Trichloroethene	0.341	0.337	1.2	95	0.02
45	C	1,2-Dichloropropane	0.335	0.341	-1.8#	98	0.01
46	T	Dibromomethane	0.173	0.169	2.3	92	0.02
47	T	Bromodichloromethane	0.456	0.451	1.1	95	0.02
48	T	Methyl methacrylate	0.212	0.214	-0.9	91	0.02

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	97	0.01
50	S	Toluene-d8	1.032	1.039	-0.7	75	0.01
51	T	4-Methyl-2-Pentanone	0.204	0.203	0.5	90	0.01
52	CM	Toluene	0.801	0.819	-2.2#	96	0.02
53	T	t-1,3-Dichloropropene	0.416	0.410	1.4	91	0.02
54	T	cis-1,3-Dichloropropene	0.502	0.501	0.2	93	0.01
55	T	1,1,2-Trichloroethane	0.247	0.240	2.8	92	0.01
56	T	Ethyl methacrylate	0.217	0.216	0.5	89	0.01
57	T	1,3-Dichloropropane	0.420	0.415	1.2	92	0.01
58	T	2-Chloroethyl Vinyl ether	0.117	0.135	-15.4	73	0.02
59	T	2-Hexanone	0.152	0.137	9.9	86	0.01
60	T	Dibromochloromethane	0.286	0.276	3.5	92	0.01
61	T	1,2-Dibromoethane	0.222	0.211	5.0	89	0.01
62	S	4-Bromofluorobenzene	0.335	0.326	2.7	73	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.01
64	T	Tetrachloroethene	0.311	0.306	1.6	96	0.02
65	PM	Chlorobenzene	0.982	0.978	0.4	96	0.01
66	T	1,1,1,2-Tetrachloroethane	0.370	0.354	4.3	93	0.01
67	C	Ethyl Benzene	1.808	1.838	-1.7#	98	0.01
68	T	m/p-Xylenes	0.668	0.685	-2.5	97	0.01
69	T	o-Xylene	0.613	0.629	-2.6	96	0.01
70	T	Styrene	0.906	0.924	-2.0	95	0.01
71	P	Bromoform	0.184	0.171	7.1	88	0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.01
73	T	Isopropylbenzene	3.894	4.096	-5.2	98	0.01
74	T	N-amyl acetate	0.817	0.781	4.4	88	0.00
75	P	1,1,2,2-Tetrachloroethane	0.778	0.759	2.4	92	0.00
76	T	1,2,3-Trichloropropane	0.553	0.534	3.4	102	0.01
77	T	Bromobenzene	0.850	0.835	1.8	93	0.01
78	T	n-propylbenzene	4.718	4.973	-5.4	97	0.01
79	T	2-Chlorotoluene	2.611	2.687	-2.9	96	0.01
80	T	1,3,5-Trimethylbenzene	3.082	3.204	-4.0	95	0.01
81	T	trans-1,4-Dichloro-2-butene	0.235	0.213	9.4	85	0.01
82	T	4-Chlorotoluene	2.678	2.760	-3.1	97	0.01
83	T	tert-Butylbenzene	2.681	2.800	-4.4	95	0.00
84	T	1,2,4-Trimethylbenzene	3.040	3.187	-4.8	96	0.00
85	T	sec-Butylbenzene	3.971	4.166	-4.9	97	0.00
86	T	p-Isopropyltoluene	3.307	3.408	-3.1	95	0.00
87	T	1,3-Dichlorobenzene	1.660	1.645	0.9	95	0.01
88	T	1,4-Dichlorobenzene	1.621	1.589	2.0	93	0.01
89	T	n-Butylbenzene	3.162	3.322	-5.1	95	0.01
90	T	Hexachloroethane	0.689	0.697	-1.2	98	0.00
91	T	1,2-Dichlorobenzene	1.414	1.401	0.9	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.101	0.089	11.9	83	0.00
93	T	1,2,4-Trichlorobenzene	0.750	0.682	9.1	83	0.00
94	T	Hexachlorobutadiene	0.426	0.402	5.6	88	0.00
95	T	Naphthalene	1.420	1.237	12.9	77	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.639	0.571	10.6	80	0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 5