Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
Data File : VY015134.D
Acq On : 16 Aug 2023 04:02
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 16 04:28:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 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	75	0.01
2	T	Dichlorodifluoromethane	0.253	0.208	17.8	72	0.00
3	P	Chloromethane	0.347	0.330	4.9	81	0.00
4	C	Vinyl Chloride	0.398	0.402	-1.0#	79	0.00
5	T	Bromomethane	0.291	0.323	-11.0	83	0.01
6	T	Chloroethane	0.289	0.318	-10.0	83	0.00
7	T	Trichlorofluoromethane	0.670	0.672	-0.3	79	0.01
8	T	Diethyl Ether	0.263	0.270	-2.7	79	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.417	0.399	4.3	75	0.01
10	T	Methyl Iodide	0.409	0.445	-8.8	77	0.01
11	T	Tert butyl alcohol	0.116	0.084	27.6#	64	0.02
12	CM	1,1-Dichloroethene	0.348	0.347	0.3#	76	0.01
13	T	Acrolein	0.056	0.032	42.9#	67	0.02
14	T	Allyl chloride	0.617	0.588	4.7	72	0.01
15	T	Acrylonitrile	0.178	0.190	-6.7	80	0.02
16	T	Acetone	0.196	0.153	21.9	57	0.01
17	T	Carbon Disulfide	0.612	0.600	2.0	72	0.01
18	T	Methyl Acetate	0.719	0.902	-25.5#	94	0.02
19	T	Methyl tert-butyl Ether	1.479	1.509	-2.0	77	0.02
20	T	Methylene Chloride	0.570	0.537	5.8	84	0.00
21	T	trans-1,2-Dichloroethene	0.392	0.407	-3.8	79	0.01
22	T	Diisopropyl ether	1.539	1.535	0.3	76	0.02
23	T	Vinyl Acetate	0.918	0.829	9.7	67	0.02
24	P	1,1-Dichloroethane	0.833	0.864	-3.7	79	0.01
25	T	2-Butanone	0.278	0.263	5.4	71	0.01
26	T	2,2-Dichloropropane	0.803	0.607	24.4	60	0.02
27	T	cis-1,2-Dichloroethene	0.536	0.563	-5.0	81	0.01
28	T	Bromochloromethane	0.383	0.378	1.3	76	0.00
29	T	Tetrahydrofuran	0.166	0.172	-3.6	78	0.01
30	C	Chloroform	0.934	0.975	-4.4#	80	0.01
31	T	Cyclohexane	0.597	0.533	10.7	73	0.01
32	T	1,1,1-Trichloroethane	0.795	0.823	-3.5	79	0.00
33	S	1,2-Dichloroethane-d4	0.600	0.645	-7.5	80	0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.01
35	S	Dibromofluoromethane	0.322	0.340	-5.6	81	0.00
36	T	1,1-Dichloropropene	0.356	0.338	5.1	75	0.01
37	T	Ethyl Acetate	0.332	0.313	5.7	76	0.01
38	T	Carbon Tetrachloride	0.421	0.412	2.1	78	0.00
39	T	Methylcyclohexane	0.399	0.374	6.3	74	0.01
40	TM	Benzene	1.076	1.088	-1.1	80	0.01
41	T	Methacrylonitrile	0.171	0.162	5.3	70	0.00
42	TM	1,2-Dichloroethane	0.391	0.397	-1.5	80	0.00
43	T	Isopropyl Acetate	0.604	0.578	4.3	75	0.00
44	TM	Trichloroethene	0.310	0.312	-0.6	80	0.00
45	C	1,2-Dichloropropane	0.303	0.300	1.0#	79	0.01
46	T	Dibromomethane	0.191	0.197	-3.1	80	0.01
47	T	Bromodichloromethane	0.457	0.465	-1.8	80	0.00
48	T	Methyl methacrylate	0.258	0.263	-1.9	78	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.004	0.0	76	0.01
50	S	Toluene-d8	1.197	1.235	-3.2	79	0.00
51	T	4-Methyl-2-Pentanone	0.350	0.361	-3.1	80	0.00
52	CM	Toluene	0.709	0.704	0.7#	78	0.00
53	T	t-1,3-Dichloropropene	0.480	0.439	8.5	72	0.00
54	T	cis-1,3-Dichloropropene	0.505	0.465	7.9	72	0.01
55	T	1,1,2-Trichloroethane	0.291	0.293	-0.7	80	0.00
56	T	Ethyl methacrylate	0.426	0.421	1.2	76	0.00
57	T	1,3-Dichloropropane	0.475	0.476	-0.2	79	0.00
58	T	2-Chloroethyl Vinyl ether	0.198	0.189	4.5	77	0.01
59	T	2-Hexanone	0.259	0.262	-1.2	78	0.00
60	T	Dibromochloromethane	0.347	0.360	-3.7	81	0.00
61	T	1,2-Dibromoethane	0.276	0.282	-2.2	80	0.00
62	S	4-Bromofluorobenzene	0.437	0.434	0.7	77	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	78	0.00
64	T	Tetrachloroethene	0.348	0.394	-13.2	89	0.00
65	PM	Chlorobenzene	0.911	0.916	-0.5	79	0.00
66	T	1,1,1,2-Tetrachloroethane	0.370	0.383	-3.5	81	0.00
67	C	Ethyl Benzene	1.596	1.577	1.2#	78	0.01
68	T	m/p-Xylenes	0.606	0.604	0.3	78	0.00
69	T	o-Xylene	0.604	0.607	-0.5	79	0.00
70	T	Styrene	1.045	1.062	-1.6	80	0.00
71	P	Bromoform	0.268	0.276	-3.0	80	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
73	T	Isopropylbenzene	3.215	3.200	0.5	79	0.00
74	T	N-amyl acetate	1.161	1.059	8.8	69	0.00
75	P	1,1,2,2-Tetrachloroethane	0.837	0.854	-2.0	79	0.00
76	T	1,2,3-Trichloropropane	0.607	0.612	-0.8	81	0.00
77	T	Bromobenzene	0.784	0.797	-1.7	81	0.00
78	T	n-propylbenzene	3.818	3.749	1.8	78	0.00
79	T	2-Chlorotoluene	2.203	2.205	-0.1	79	0.00
80	T	1,3,5-Trimethylbenzene	2.680	2.649	1.2	77	0.00
81	T	trans-1,4-Dichloro-2-butene	0.277	0.241	13.0	66	0.00
82	T	4-Chlorotoluene	2.275	2.263	0.5	78	0.00
83	T	tert-Butylbenzene	2.451	2.481	-1.2	80	0.00
84	T	1,2,4-Trimethylbenzene	2.678	2.669	0.3	78	0.00
85	T	sec-Butylbenzene	3.592	3.589	0.1	79	0.00
86	T	p-Isopropyltoluene	2.978	2.940	1.3	77	0.00
87	T	1,3-Dichlorobenzene	1.554	1.551	0.2	79	0.00
88	T	1,4-Dichlorobenzene	1.559	1.526	2.1	77	0.00
89	T	n-Butylbenzene	2.808	2.617	6.8	73	0.00
90	T	Hexachloroethane	0.591	0.585	1.0	79	0.00
91	T	1,2-Dichlorobenzene	1.452	1.480	-1.9	80	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.162	0.170	-4.9	81	0.00
93	T	1,2,4-Trichlorobenzene	0.932	0.867	7.0	73	0.00
94	T	Hexachlorobutadiene	0.507	0.492	3.0	78	0.00
95	T	Naphthalene	2.322	2.354	-1.4	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.842	0.827	1.8	77	0.00

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