Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
Data File : VY021951.D
Acq On : 21 Apr 2025 16:17
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 22 02:46:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
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	0.00
2	T	Dichlorodifluoromethane	0.518	0.407	21.4	60	0.00
3	P	Chloromethane	0.729	0.677	7.1	73	0.00
4	C	Vinyl Chloride	0.824	0.741	10.1#	69	0.00
5	T	Bromomethane	0.562	0.570	-1.4	83	0.00
6	T	Chloroethane	0.539	0.517	4.1	76	0.00
7	T	Trichlorofluoromethane	1.056	0.972	8.0	72	0.00
8	T	Diethyl Ether	0.287	0.268	6.6	73	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.557	0.526	5.6	73	0.00
10	T	Methyl Iodide	0.611	0.598	2.1	68	0.00
11	T	Tert butyl alcohol	0.035	0.029	17.1	64	0.02
12	CM	1,1-Dichloroethene	0.524	0.467	10.9#	68	0.00
13	T	Acrolein	0.064	0.007	89.1#	9#	0.02
14	T	Allyl chloride	0.836	0.775	7.3	69	0.00
15	T	Acrylonitrile	0.120	0.117	2.5	73	0.00
16	T	Acetone	0.111	0.085	23.4	59	0.00
17	T	Carbon Disulfide	1.727	1.464	15.2	65	0.00
18	T	Methyl Acetate	0.275	0.383	-39.3#	108	0.00
19	T	Methyl tert-butyl Ether	1.306	1.260	3.5	71	0.00
20	T	Methylene Chloride	0.626	0.557	11.0	74	0.00
21	T	trans-1,2-Dichloroethene	0.577	0.542	6.1	72	0.00
22	T	Diisopropyl ether	1.754	1.776	-1.3	74	0.00
23	T	Vinyl Acetate	1.026	0.934	9.0	66	0.00
24	P	1,1-Dichloroethane	1.049	1.022	2.6	74	0.00
25	T	2-Butanone	0.158	0.144	8.9	68	0.00
26	T	2,2-Dichloropropane	0.933	0.869	6.9	71	0.00
27	T	cis-1,2-Dichloroethene	0.649	0.639	1.5	73	0.00
28	T	Bromochloromethane	0.442	0.451	-2.0	79	0.00
29	T	Tetrahydrofuran	0.102	0.098	3.9	70	0.00
30	C	Chloroform	1.091	1.091	0.0	76	0.00
31	T	Cyclohexane	0.956	0.838	12.3	68	0.00
32	T	1,1,1-Trichloroethane	0.986	0.950	3.7	73	0.00
33	S	1,2-Dichloroethane-d4	0.542	0.543	-0.2	74	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
35	S	Dibromofluoromethane	0.324	0.339	-4.6	74	0.00
36	T	1,1-Dichloropropene	0.494	0.488	1.2	72	0.00
37	T	Ethyl Acetate	0.233	0.217	6.9	68	0.00
38	T	Carbon Tetrachloride	0.566	0.560	1.1	73	0.00
39	T	Methylcyclohexane	0.590	0.560	5.1	67	0.00
40	TM	Benzene	1.479	1.498	-1.3	74	0.00
41	T	Methacrylonitrile	0.124	0.118	4.8	64	-0.01
42	TM	1,2-Dichloroethane	0.417	0.421	-1.0	74	0.00
43	T	Isopropyl Acetate	0.442	0.425	3.8	70	0.00
44	TM	Trichloroethene	0.377	0.381	-1.1	75	0.00
45	C	1,2-Dichloropropane	0.350	0.361	-3.1#	76	0.00
46	T	Dibromomethane	0.202	0.207	-2.5	77	0.00
47	T	Bromodichloromethane	0.523	0.542	-3.6	76	0.00
48	T	Methyl methacrylate	0.203	0.215	-5.9	75	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	70	0.01
50	S	Toluene-d8	1.234	1.295	-4.9	73	0.00
51	T	4-Methyl-2-Pentanone	0.230	0.241	-4.8	74	0.00
52	CM	Toluene	0.923	0.976	-5.7#	76	0.00
53	T	t-1,3-Dichloropropene	0.465	0.479	-3.0	73	0.00
54	T	cis-1,3-Dichloropropene	0.548	0.553	-0.9	72	0.00
55	T	1,1,2-Trichloroethane	0.260	0.280	-7.7	79	0.00
56	T	Ethyl methacrylate	0.332	0.358	-7.8	72	0.00
57	T	1,3-Dichloropropane	0.449	0.476	-6.0	76	0.00
58	T	2-Chloroethyl Vinyl ether	0.162	0.184	-13.6	76	0.00
59	T	2-Hexanone	0.153	0.161	-5.2	73	0.00
60	T	Dibromochloromethane	0.355	0.379	-6.8	77	0.00
61	T	1,2-Dibromoethane	0.244	0.255	-4.5	74	0.00
62	S	4-Bromofluorobenzene	0.417	0.457	-9.6	77	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	76	0.00
64	T	Tetrachloroethene	0.455	0.482	-5.9	82	0.00
65	PM	Chlorobenzene	1.146	1.138	0.7	75	0.00
66	T	1,1,1,2-Tetrachloroethane	0.407	0.419	-2.9	78	0.00
67	C	Ethyl Benzene	1.965	2.000	-1.8#	74	0.00
68	T	m/p-Xylenes	0.753	0.778	-3.3	75	0.00
69	T	o-Xylene	0.695	0.723	-4.0	75	0.00
70	T	Styrene	1.158	1.234	-6.6	76	0.00
71	P	Bromoform	0.232	0.247	-6.5	79	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
73	T	Isopropylbenzene	3.714	3.492	6.0	74	0.00
74	T	N-amyl acetate	0.872	0.770	11.7	68	0.00
75	P	1,1,2,2-Tetrachloroethane	0.668	0.605	9.4	75	0.00
76	T	1,2,3-Trichloropropane	0.496	0.482	2.8	79	0.00
77	T	Bromobenzene	0.892	0.842	5.6	77	0.00
78	T	n-propylbenzene	4.465	4.308	3.5	76	0.00
79	T	2-Chlorotoluene	2.593	2.450	5.5	75	0.00
80	T	1,3,5-Trimethylbenzene	3.035	2.913	4.0	75	0.00
81	T	trans-1,4-Dichloro-2-butene	0.215	0.182	15.3	67	0.00
82	T	4-Chlorotoluene	2.704	2.548	5.8	75	0.00
83	T	tert-Butylbenzene	2.703	2.565	5.1	75	0.00
84	T	1,2,4-Trimethylbenzene	3.000	2.945	1.8	77	0.00
85	T	sec-Butylbenzene	3.951	3.787	4.2	75	0.00
86	T	p-Isopropyltoluene	3.265	3.199	2.0	76	0.00
87	T	1,3-Dichlorobenzene	1.757	1.698	3.4	79	0.00
88	T	1,4-Dichlorobenzene	1.736	1.647	5.1	77	0.00
89	T	n-Butylbenzene	3.020	2.887	4.4	74	0.00
90	T	Hexachloroethane	0.716	0.684	4.5	79	0.00
91	T	1,2-Dichlorobenzene	1.529	1.480	3.2	79	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.103	0.098	4.9	79	0.00
93	T	1,2,4-Trichlorobenzene	0.829	0.833	-0.5	77	0.00
94	T	Hexachlorobutadiene	0.518	0.497	4.1	77	0.00
95	T	Naphthalene	1.375	1.426	-3.7	77	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.707	0.713	-0.8	78	0.00

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