Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050525\
Data File : VY022168.D
Acq On : 05 May 2025 18:37
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 06 05:23:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 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	68	0.00
2	T	Dichlorodifluoromethane	0.426	0.344	19.2	59	0.00
3	P	Chloromethane	0.607	0.591	2.6	66	0.00
4	C	Vinyl Chloride	0.745	0.732	1.7#	68	0.00
5	T	Bromomethane	0.642	0.583	9.2	66	0.00
6	T	Chloroethane	0.508	0.498	2.0	68	0.00
7	T	Trichlorofluoromethane	0.983	0.878	10.7	62	0.00
8	T	Diethyl Ether	0.256	0.240	6.3	66	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.533	0.479	10.1	66	0.00
10	T	Methyl Iodide	0.617	0.586	5.0	63	0.00
11	T	Tert butyl alcohol	0.025	0.025	0.0	65	-0.01
12	CM	1,1-Dichloroethene	0.497	0.448	9.9#	64	0.00
13	T	Acrolein	0.046	0.017	63.0#	27#	0.00
14	T	Allyl chloride	0.579	0.565	2.4	69	0.00
15	T	Acrylonitrile	0.094	0.094	0.0	68	0.00
16	T	Acetone	0.070	0.064	8.6	68	0.00
17	T	Carbon Disulfide	1.585	1.387	12.5	63	0.00
18	T	Methyl Acetate	0.216	0.322	-49.1#	98	0.00
19	T	Methyl tert-butyl Ether	1.113	1.107	0.5	66	0.00
20	T	Methylene Chloride	0.584	0.541	7.4	69	0.00
21	T	trans-1,2-Dichloroethene	0.557	0.521	6.5	66	0.00
22	T	Diisopropyl ether	1.288	1.357	-5.4	71	0.00
23	T	Vinyl Acetate	0.694	0.680	2.0	64	0.00
24	P	1,1-Dichloroethane	0.893	0.879	1.6	70	0.00
25	T	2-Butanone	0.105	0.108	-2.9	69	0.00
26	T	2,2-Dichloropropane	0.782	0.722	7.7	66	0.00
27	T	cis-1,2-Dichloroethene	0.622	0.604	2.9	67	0.00
28	T	Bromochloromethane	0.347	0.371	-6.9	73	0.00
29	T	Tetrahydrofuran	0.068	0.074	-8.8	68	0.00
30	C	Chloroform	0.990	0.979	1.1#	69	0.00
31	T	Cyclohexane	0.763	0.716	6.2	68	0.00
32	T	1,1,1-Trichloroethane	0.896	0.847	5.5	67	0.00
33	S	1,2-Dichloroethane-d4	0.462	0.482	-4.3	70	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	68	0.00
35	S	Dibromofluoromethane	0.330	0.334	-1.2	69	0.00
36	T	1,1-Dichloropropene	0.444	0.423	4.7	68	0.00
37	T	Ethyl Acetate	0.159	0.155	2.5	66	0.00
38	T	Carbon Tetrachloride	0.530	0.497	6.2	67	0.00
39	T	Methylcyclohexane	0.558	0.523	6.3	65	0.00
40	TM	Benzene	1.387	1.348	2.8	69	0.00
41	T	Methacrylonitrile	0.087	0.077	11.5	57	0.00
42	TM	1,2-Dichloroethane	0.343	0.346	-0.9	70	0.00
43	T	Isopropyl Acetate	0.306	0.319	-4.2	70	0.00
44	TM	Trichloroethene	0.384	0.351	8.6	65	0.00
45	C	1,2-Dichloropropane	0.307	0.310	-1.0#	71	0.00
46	T	Dibromomethane	0.192	0.191	0.5	70	0.00
47	T	Bromodichloromethane	0.480	0.470	2.1	68	0.00
48	T	Methyl methacrylate	0.141	0.149	-5.7	68	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	68	-0.01
50	S	Toluene-d8	1.245	1.291	-3.7	69	0.00
51	T	4-Methyl-2-Pentanone	0.160	0.178	-11.2	71	0.00
52	CM	Toluene	0.898	0.901	-0.3#	69	0.00
53	T	t-1,3-Dichloropropene	0.411	0.406	1.2	67	0.00
54	T	cis-1,3-Dichloropropene	0.489	0.481	1.6	68	0.00
55	T	1,1,2-Trichloroethane	0.256	0.257	-0.4	69	0.00
56	T	Ethyl methacrylate	0.293	0.300	-2.4	65	0.00
57	T	1,3-Dichloropropane	0.411	0.421	-2.4	71	0.00
58	T	2-Chloroethyl Vinyl ether	0.143	0.163	-14.0	69	0.00
59	T	2-Hexanone	0.106	0.117	-10.4	70	0.00
60	T	Dibromochloromethane	0.355	0.355	0.0	69	0.00
61	T	1,2-Dibromoethane	0.242	0.246	-1.7	70	0.00
62	S	4-Bromofluorobenzene	0.419	0.447	-6.7	72	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	71	0.00
64	T	Tetrachloroethene	0.472	0.410	13.1	64	0.00
65	PM	Chlorobenzene	1.118	1.051	6.0	69	0.00
66	T	1,1,1,2-Tetrachloroethane	0.394	0.374	5.1	68	0.00
67	C	Ethyl Benzene	1.829	1.809	1.1#	70	0.00
68	T	m/p-Xylenes	0.728	0.714	1.9	69	0.00
69	T	o-Xylene	0.671	0.658	1.9	67	0.00
70	T	Styrene	1.126	1.145	-1.7	69	0.00
71	P	Bromoform	0.229	0.222	3.1	68	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	72	0.00
73	T	Isopropylbenzene	3.341	3.157	5.5	69	0.00
74	T	N-amyl acetate	0.574	0.545	5.1	67	0.00
75	P	1,1,2,2-Tetrachloroethane	0.563	0.546	3.0	72	0.00
76	T	1,2,3-Trichloropropane	0.428	0.398	7.0	71	0.00
77	T	Bromobenzene	0.844	0.785	7.0	69	0.00
78	T	n-propylbenzene	3.978	3.765	5.4	69	0.00
79	T	2-Chlorotoluene	2.314	2.181	5.7	69	0.00
80	T	1,3,5-Trimethylbenzene	2.752	2.642	4.0	68	0.00
81	T	trans-1,4-Dichloro-2-butene	0.178	0.164	7.9	67	0.00
82	T	4-Chlorotoluene	2.405	2.300	4.4	70	0.00
83	T	tert-Butylbenzene	2.468	2.353	4.7	68	0.00
84	T	1,2,4-Trimethylbenzene	2.753	2.633	4.4	68	0.00
85	T	sec-Butylbenzene	3.612	3.454	4.4	69	0.00
86	T	p-Isopropyltoluene	3.067	2.912	5.1	68	0.00
87	T	1,3-Dichlorobenzene	1.714	1.559	9.0	69	0.00
88	T	1,4-Dichlorobenzene	1.698	1.536	9.5	69	0.00
89	T	n-Butylbenzene	2.742	2.583	5.8	68	0.00
90	T	Hexachloroethane	0.674	0.621	7.9	70	0.00
91	T	1,2-Dichlorobenzene	1.495	1.400	6.4	70	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.090	0.087	3.3	75	0.00
93	T	1,2,4-Trichlorobenzene	0.847	0.761	10.2	67	0.00
94	T	Hexachlorobutadiene	0.521	0.448	14.0	68	0.00
95	T	Naphthalene	1.408	1.333	5.3	67	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.731	0.663	9.3	68	0.00

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