Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050525\
Data File : VY022145.D
Acq On : 05 May 2025 08:46
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 06 05:18:40 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	94	0.00
2	T	Dichlorodifluoromethane	0.426	0.374	12.2	89	0.00
3	P	Chloromethane	0.607	0.536	11.7	83	0.00
4	C	Vinyl Chloride	0.745	0.684	8.2#	88	0.00
5	T	Bromomethane	0.642	0.532	17.1	84	0.00
6	T	Chloroethane	0.508	0.446	12.2	85	0.00
7	T	Trichlorofluoromethane	0.983	0.903	8.1	88	0.00
8	T	Diethyl Ether	0.256	0.235	8.2	89	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.533	0.505	5.3	97	0.00
10	T	Methyl Iodide	0.617	0.597	3.2	89	0.00
11	T	Tert butyl alcohol	0.025	0.023	8.0	84	0.00
12	CM	1,1-Dichloroethene	0.497	0.473	4.8#	94	0.00
13	T	Acrolein	0.046	0.023	50.0#	50	0.00
14	T	Allyl chloride	0.579	0.551	4.8	93	0.00
15	T	Acrylonitrile	0.094	0.088	6.4	89	0.00
16	T	Acetone	0.070	0.062	11.4	92	0.00
17	T	Carbon Disulfide	1.585	1.404	11.4	88	0.01
18	T	Methyl Acetate	0.216	0.234	-8.3	98	0.00
19	T	Methyl tert-butyl Ether	1.113	1.109	0.4	92	0.00
20	T	Methylene Chloride	0.584	0.533	8.7	94	0.00
21	T	trans-1,2-Dichloroethene	0.557	0.529	5.0	93	0.01
22	T	Diisopropyl ether	1.288	1.283	0.4	93	0.00
23	T	Vinyl Acetate	0.694	0.680	2.0	89	0.00
24	P	1,1-Dichloroethane	0.893	0.855	4.3	94	0.00
25	T	2-Butanone	0.105	0.100	4.8	89	0.00
26	T	2,2-Dichloropropane	0.782	0.789	-0.9	100	0.00
27	T	cis-1,2-Dichloroethene	0.622	0.610	1.9	93	0.00
28	T	Bromochloromethane	0.347	0.331	4.6	90	0.00
29	T	Tetrahydrofuran	0.068	0.067	1.5	87	0.00
30	C	Chloroform	0.990	0.967	2.3#	95	0.00
31	T	Cyclohexane	0.763	0.717	6.0	95	0.00
32	T	1,1,1-Trichloroethane	0.896	0.869	3.0	96	0.00
33	S	1,2-Dichloroethane-d4	0.462	0.441	4.5	89	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35	S	Dibromofluoromethane	0.330	0.325	1.5	89	0.00
36	T	1,1-Dichloropropene	0.444	0.447	-0.7	95	0.00
37	T	Ethyl Acetate	0.159	0.155	2.5	87	0.00
38	T	Carbon Tetrachloride	0.530	0.540	-1.9	96	0.00
39	T	Methylcyclohexane	0.558	0.572	-2.5	94	0.00
40	TM	Benzene	1.387	1.389	-0.1	94	0.00
41	T	Methacrylonitrile	0.087	0.097	-11.5	95	0.00
42	TM	1,2-Dichloroethane	0.343	0.354	-3.2	95	0.00
43	T	Isopropyl Acetate	0.306	0.305	0.3	88	0.00
44	TM	Trichloroethene	0.384	0.384	0.0	94	0.00
45	C	1,2-Dichloropropane	0.307	0.314	-2.3#	94	0.00
46	T	Dibromomethane	0.192	0.193	-0.5	93	0.00
47	T	Bromodichloromethane	0.480	0.492	-2.5	94	0.00
48	T	Methyl methacrylate	0.141	0.149	-5.7	89	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	91	0.00
50	S	Toluene-d8	1.245	1.243	0.2	88	0.00
51	T	4-Methyl-2-Pentanone	0.160	0.170	-6.3	89	0.00
52	CM	Toluene	0.898	0.933	-3.9#	94	0.00
53	T	t-1,3-Dichloropropene	0.411	0.427	-3.9	92	0.00
54	T	cis-1,3-Dichloropropene	0.489	0.505	-3.3	94	0.00
55	T	1,1,2-Trichloroethane	0.256	0.265	-3.5	93	0.00
56	T	Ethyl methacrylate	0.293	0.308	-5.1	88	0.00
57	T	1,3-Dichloropropane	0.411	0.421	-2.4	93	0.00
58	T	2-Chloroethyl Vinyl ether	0.143	0.154	-7.7	86	0.00
59	T	2-Hexanone	0.106	0.113	-6.6	89	0.00
60	T	Dibromochloromethane	0.355	0.363	-2.3	93	0.00
61	T	1,2-Dibromoethane	0.242	0.251	-3.7	94	0.00
62	S	4-Bromofluorobenzene	0.419	0.427	-1.9	90	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64	T	Tetrachloroethene	0.472	0.493	-4.4	98	0.00
65	PM	Chlorobenzene	1.118	1.132	-1.3	95	0.00
66	T	1,1,1,2-Tetrachloroethane	0.394	0.398	-1.0	93	0.00
67	C	Ethyl Benzene	1.829	1.898	-3.8#	94	0.00
68	T	m/p-Xylenes	0.728	0.757	-4.0	93	0.00
69	T	o-Xylene	0.671	0.703	-4.8	93	0.00
70	T	Styrene	1.126	1.201	-6.7	93	0.00
71	P	Bromoform	0.229	0.228	0.4	90	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73	T	Isopropylbenzene	3.341	3.491	-4.5	95	0.00
74	T	N-amyl acetate	0.574	0.566	1.4	86	0.00
75	P	1,1,2,2-Tetrachloroethane	0.563	0.550	2.3	90	0.00
76	T	1,2,3-Trichloropropane	0.428	0.437	-2.1	97	0.00
77	T	Bromobenzene	0.844	0.862	-2.1	94	0.00
78	T	n-propylbenzene	3.978	4.189	-5.3	95	0.00
79	T	2-Chlorotoluene	2.314	2.382	-2.9	94	0.00
80	T	1,3,5-Trimethylbenzene	2.752	2.903	-5.5	93	0.00
81	T	trans-1,4-Dichloro-2-butene	0.178	0.180	-1.1	92	0.00
82	T	4-Chlorotoluene	2.405	2.497	-3.8	95	0.00
83	T	tert-Butylbenzene	2.468	2.578	-4.5	93	0.00
84	T	1,2,4-Trimethylbenzene	2.753	2.902	-5.4	94	0.00
85	T	sec-Butylbenzene	3.612	3.805	-5.3	95	0.00
86	T	p-Isopropyltoluene	3.067	3.218	-4.9	94	0.00
87	T	1,3-Dichlorobenzene	1.714	1.696	1.1	93	0.00
88	T	1,4-Dichlorobenzene	1.698	1.681	1.0	93	0.00
89	T	n-Butylbenzene	2.742	2.863	-4.4	94	0.00
90	T	Hexachloroethane	0.674	0.674	0.0	95	0.00
91	T	1,2-Dichlorobenzene	1.495	1.505	-0.7	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.090	0.089	1.1	95	0.00
93	T	1,2,4-Trichlorobenzene	0.847	0.851	-0.5	93	0.00
94	T	Hexachlorobutadiene	0.521	0.520	0.2	98	0.00
95	T	Naphthalene	1.408	1.445	-2.6	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.731	0.740	-1.2	94	0.00

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