Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050225\
Data File : VY022143.D
Acq On : 02 May 2025 20:42
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 03 02:54:06 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	86	0.00
2	T	Dichlorodifluoromethane	0.426	0.338	20.7	74	0.00
3	P	Chloromethane	0.607	0.513	15.5	73	0.00
4	C	Vinyl Chloride	0.745	0.690	7.4#	81	0.00
5	T	Bromomethane	0.642	0.578	10.0	83	0.00
6	T	Chloroethane	0.508	0.490	3.5	85	0.00
7	T	Trichlorofluoromethane	0.983	0.897	8.7	80	0.00
8	T	Diethyl Ether	0.256	0.250	2.3	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.533	0.479	10.1	84	0.00
10	T	Methyl Iodide	0.617	0.600	2.8	82	0.00
11	T	Tert butyl alcohol	0.025	0.028	-12.0	92	0.00
12	CM	1,1-Dichloroethene	0.497	0.458	7.8#	84	0.00
13	T	Acrolein	0.046	0.024	47.8#	48#	0.00
14	T	Allyl chloride	0.579	0.545	5.9	84	0.00
15	T	Acrylonitrile	0.094	0.095	-1.1	87	0.00
16	T	Acetone	0.070	0.065	7.1	89	0.00
17	T	Carbon Disulfide	1.585	1.377	13.1	79	0.00
18	T	Methyl Acetate	0.216	0.452	-109.3#	174#	0.00
19	T	Methyl tert-butyl Ether	1.113	1.175	-5.6	89	0.00
20	T	Methylene Chloride	0.584	0.550	5.8	89	0.00
21	T	trans-1,2-Dichloroethene	0.557	0.533	4.3	86	0.00
22	T	Diisopropyl ether	1.288	1.311	-1.8	87	0.00
23	T	Vinyl Acetate	0.694	0.577	16.9	69	0.00
24	P	1,1-Dichloroethane	0.893	0.872	2.4	88	0.00
25	T	2-Butanone	0.105	0.108	-2.9	88	0.00
26	T	2,2-Dichloropropane	0.782	0.685	12.4	79	0.00
27	T	cis-1,2-Dichloroethene	0.622	0.629	-1.1	88	0.00
28	T	Bromochloromethane	0.347	0.368	-6.1	92	0.00
29	T	Tetrahydrofuran	0.068	0.073	-7.4	86	0.00
30	C	Chloroform	0.990	1.009	-1.9#	91	0.00
31	T	Cyclohexane	0.763	0.679	11.0	82	0.00
32	T	1,1,1-Trichloroethane	0.896	0.893	0.3	90	0.00
33	S	1,2-Dichloroethane-d4	0.462	0.493	-6.7	91	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35	S	Dibromofluoromethane	0.330	0.338	-2.4	90	0.00
36	T	1,1-Dichloropropene	0.444	0.418	5.9	87	0.00
37	T	Ethyl Acetate	0.159	0.147	7.5	80	0.00
38	T	Carbon Tetrachloride	0.530	0.509	4.0	88	0.00
39	T	Methylcyclohexane	0.558	0.513	8.1	82	0.00
40	TM	Benzene	1.387	1.347	2.9	89	0.00
41	T	Methacrylonitrile	0.087	0.087	0.0	83	-0.01
42	TM	1,2-Dichloroethane	0.343	0.354	-3.2	93	0.00
43	T	Isopropyl Acetate	0.306	0.296	3.3	83	0.00
44	TM	Trichloroethene	0.384	0.357	7.0	86	0.00
45	C	1,2-Dichloropropane	0.307	0.303	1.3#	89	0.00
46	T	Dibromomethane	0.192	0.195	-1.6	92	0.00
47	T	Bromodichloromethane	0.480	0.488	-1.7	91	0.00
48	T	Methyl methacrylate	0.141	0.153	-8.5	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	92	-0.01
50	S	Toluene-d8	1.245	1.262	-1.4	87	0.00
51	T	4-Methyl-2-Pentanone	0.160	0.175	-9.4	90	0.00
52	CM	Toluene	0.898	0.886	1.3#	87	0.00
53	T	t-1,3-Dichloropropene	0.411	0.412	-0.2	87	0.00
54	T	cis-1,3-Dichloropropene	0.489	0.477	2.5	87	0.00
55	T	1,1,2-Trichloroethane	0.256	0.266	-3.9	91	0.00
56	T	Ethyl methacrylate	0.293	0.308	-5.1	86	0.00
57	T	1,3-Dichloropropane	0.411	0.420	-2.2	90	0.00
58	T	2-Chloroethyl Vinyl ether	0.143	0.164	-14.7	90	0.00
59	T	2-Hexanone	0.106	0.119	-12.3	91	0.00
60	T	Dibromochloromethane	0.355	0.366	-3.1	91	0.00
61	T	1,2-Dibromoethane	0.242	0.250	-3.3	91	0.00
62	S	4-Bromofluorobenzene	0.419	0.450	-7.4	93	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64	T	Tetrachloroethene	0.472	0.394	16.5	77	0.00
65	PM	Chlorobenzene	1.118	1.073	4.0	88	0.00
66	T	1,1,1,2-Tetrachloroethane	0.394	0.381	3.3	88	0.00
67	C	Ethyl Benzene	1.829	1.801	1.5#	88	0.00
68	T	m/p-Xylenes	0.728	0.715	1.8	87	0.00
69	T	o-Xylene	0.671	0.666	0.7	86	0.00
70	T	Styrene	1.126	1.154	-2.5	88	0.00
71	P	Bromoform	0.229	0.232	-1.3	90	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73	T	Isopropylbenzene	3.341	3.158	5.5	87	0.00
74	T	N-amyl acetate	0.574	0.469	18.3	73	0.00
75	P	1,1,2,2-Tetrachloroethane	0.563	0.580	-3.0	97	0.00
76	T	1,2,3-Trichloropropane	0.428	0.451	-5.4	102	0.00
77	T	Bromobenzene	0.844	0.783	7.2	87	0.00
78	T	n-propylbenzene	3.978	3.779	5.0	87	0.00
79	T	2-Chlorotoluene	2.314	2.213	4.4	89	0.00
80	T	1,3,5-Trimethylbenzene	2.752	2.650	3.7	87	0.00
81	T	trans-1,4-Dichloro-2-butene	0.178	0.154	13.5	80	0.00
82	T	4-Chlorotoluene	2.405	2.300	4.4	89	0.00
83	T	tert-Butylbenzene	2.468	2.357	4.5	87	0.00
84	T	1,2,4-Trimethylbenzene	2.753	2.692	2.2	89	0.00
85	T	sec-Butylbenzene	3.612	3.440	4.8	88	0.00
86	T	p-Isopropyltoluene	3.067	2.908	5.2	86	0.00
87	T	1,3-Dichlorobenzene	1.714	1.567	8.6	87	0.00
88	T	1,4-Dichlorobenzene	1.698	1.541	9.2	88	0.00
89	T	n-Butylbenzene	2.742	2.541	7.3	85	0.00
90	T	Hexachloroethane	0.674	0.625	7.3	90	0.00
91	T	1,2-Dichlorobenzene	1.495	1.382	7.6	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.090	0.087	3.3	95	0.00
93	T	1,2,4-Trichlorobenzene	0.847	0.774	8.6	87	0.00
94	T	Hexachlorobutadiene	0.521	0.454	12.9	87	0.00
95	T	Naphthalene	1.408	1.443	-2.5	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.731	0.697	4.7	91	0.00

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