Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072524\
Data File : VY018922.D
Acq On : 25 Jul 2024 20:34
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 26 03:03:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
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	79	0.02
2	T	Dichlorodifluoromethane	0.419	0.288	31.3#	51	0.00
3	P	Chloromethane	0.637	0.478	25.0	58	0.00
4	C	Vinyl Chloride	0.745	0.575	22.8#	58	0.00
5	T	Bromomethane	0.512	0.432	15.6	70	0.00
6	T	Chloroethane	0.484	0.397	18.0	65	0.00
7	T	Trichlorofluoromethane	0.973	0.864	11.2	66	0.00
8	T	Diethyl Ether	0.237	0.229	3.4	75	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.499	0.444	11.0	66	0.00
10	T	Methyl Iodide	0.538	0.505	6.1	67	-0.01
11	T	Tert butyl alcohol	0.050	0.038	24.0	79	-0.02
12	CM	1,1-Dichloroethene	0.483	0.422	12.6#	67	0.00
13	T	Acrolein	0.040	0.015	62.5#	32#	-0.01
14	T	Allyl chloride	0.598	0.531	11.2	69	-0.01
15	T	Acrylonitrile	0.094	0.104	-10.6	86	0.00
16	T	Acetone	0.091	0.085	6.6	76	-0.01
17	T	Carbon Disulfide	1.353	1.073	20.7	60	0.00
18	T	Methyl Acetate	0.264	0.299	-13.3	97	-0.02
19	T	Methyl tert-butyl Ether	1.121	1.120	0.1	77	-0.01
20	T	Methylene Chloride	0.610	0.676	-10.8	100	-0.01
21	T	trans-1,2-Dichloroethene	0.510	0.454	11.0	68	0.00
22	T	Diisopropyl ether	1.302	1.188	8.8	73	0.00
23	T	Vinyl Acetate	1.026	0.989	3.6	73	0.00
24	P	1,1-Dichloroethane	0.831	0.756	9.0	72	-0.01
25	T	2-Butanone	0.127	0.135	-6.3	83	0.00
26	T	2,2-Dichloropropane	0.771	0.632	18.0	64	0.00
27	T	cis-1,2-Dichloroethene	0.594	0.537	9.6	72	0.00
28	T	Bromochloromethane	0.334	0.334	0.0	79	0.01
29	T	Tetrahydrofuran	0.078	0.083	-6.4	82	0.00
30	C	Chloroform	0.926	0.873	5.7#	74	0.02
31	T	Cyclohexane	0.756	0.583	22.9	61	0.02
32	T	1,1,1-Trichloroethane	0.861	0.778	9.6	68	0.02
33	S	1,2-Dichloroethane-d4	0.492	0.443	10.0	67	0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.03
35	S	Dibromofluoromethane	0.313	0.293	6.4	68	0.02
36	T	1,1-Dichloropropene	0.432	0.368	14.8	64	0.02
37	T	Ethyl Acetate	0.180	0.190	-5.6	78	0.00
38	T	Carbon Tetrachloride	0.521	0.478	8.3	67	0.02
39	T	Methylcyclohexane	0.554	0.467	15.7	62	0.04
40	TM	Benzene	1.254	1.140	9.1	70	0.02
41	T	Methacrylonitrile	0.102	0.112	-9.8	90	-0.02
42	TM	1,2-Dichloroethane	0.351	0.346	1.4	76	0.02
43	T	Isopropyl Acetate	0.357	0.362	-1.4	77	0.02
44	TM	Trichloroethene	0.358	0.344	3.9	74	0.04
45	C	1,2-Dichloropropane	0.273	0.263	3.7#	74	0.04
46	T	Dibromomethane	0.177	0.182	-2.8	77	0.04
47	T	Bromodichloromethane	0.442	0.450	-1.8	77	0.04
48	T	Methyl methacrylate	0.162	0.168	-3.7	78	0.04

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	84	0.04
50	S	Toluene-d8	1.186	1.006	15.2	61	0.05
51	T	4-Methyl-2-Pentanone	0.182	0.201	-10.4	81	0.05
52	CM	Toluene	0.833	0.729	12.5#	67	0.05
53	T	t-1,3-Dichloropropene	0.382	0.368	3.7	73	0.06
54	T	cis-1,3-Dichloropropene	0.448	0.423	5.6	71	0.05
55	T	1,1,2-Trichloroethane	0.224	0.235	-4.9	81	0.05
56	T	Ethyl methacrylate	0.295	0.311	-5.4	79	0.06
57	T	1,3-Dichloropropane	0.371	0.373	-0.5	77	0.07
58	T	2-Chloroethyl Vinyl ether	0.141	0.158	-12.1	79	0.05
59	T	2-Hexanone	0.128	0.138	-7.8	79	0.07
60	T	Dibromochloromethane	0.308	0.317	-2.9	78	0.07
61	T	1,2-Dibromoethane	0.218	0.232	-6.4	79	0.07
62	S	4-Bromofluorobenzene	0.405	0.360	11.1	66	0.10
63	I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.08
64	T	Tetrachloroethene	0.405	0.394	2.7	73	0.06
65	PM	Chlorobenzene	1.055	1.016	3.7	74	0.07
66	T	1,1,1,2-Tetrachloroethane	0.363	0.369	-1.7	78	0.08
67	C	Ethyl Benzene	1.848	1.681	9.0#	69	0.08
68	T	m/p-Xylenes	0.725	0.665	8.3	70	0.08
69	T	o-Xylene	0.682	0.645	5.4	71	0.09
70	T	Styrene	1.137	1.094	3.8	73	0.09
71	P	Bromoform	0.198	0.232	-17.2	87	0.09
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.12
73	T	Isopropylbenzene	3.659	3.105	15.1	68	0.09
74	T	N-amyl acetate	0.748	0.690	7.8	70	0.09
75	P	1,1,2,2-Tetrachloroethane	0.577	0.556	3.6	79	0.10
76	T	1,2,3-Trichloropropane	0.392	0.364	7.1	82	0.10
77	T	Bromobenzene	0.874	0.786	10.1	74	0.10
78	T	n-propylbenzene	4.346	3.647	16.1	68	0.10
79	T	2-Chlorotoluene	2.443	2.115	13.4	72	0.10
80	T	1,3,5-Trimethylbenzene	2.994	2.516	16.0	68	0.10
81	T	trans-1,4-Dichloro-2-butene	0.175	0.160	8.6	70	0.10
82	T	4-Chlorotoluene	2.516	2.115	15.9	69	0.00
83	T	tert-Butylbenzene	2.764	2.354	14.8	70	0.11
84	T	1,2,4-Trimethylbenzene	2.975	2.491	16.3	69	0.11
85	T	sec-Butylbenzene	3.924	3.339	14.9	67	0.11
86	T	p-Isopropyltoluene	3.387	2.906	14.2	69	0.12
87	T	1,3-Dichlorobenzene	1.716	1.509	12.1	72	0.12
88	T	1,4-Dichlorobenzene	1.701	1.494	12.2	73	0.12
89	T	n-Butylbenzene	3.071	2.509	18.3	65	0.13
90	T	Hexachloroethane	0.630	0.538	14.6	68	0.13
91	T	1,2-Dichlorobenzene	1.482	1.358	8.4	76	0.12
92	T	1,2-Dibromo-3-Chloropropane	0.093	0.095	-2.2	77	0.13
93	T	1,2,4-Trichlorobenzene	0.905	0.829	8.4	72	0.16
94	T	Hexachlorobutadiene	0.521	0.470	9.8	69	0.17
95	T	Naphthalene	1.552	1.497	3.5	73	0.17

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.774	0.723	6.6	73	0.18

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