Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012924\
Data File : VY017126.D
Acq On : 29 Jan 2024 10:27
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: Jan 30 00:27:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:44:10 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	96	0.01
2	T	Dichlorodifluoromethane	0.434	0.343	21.0	95	0.00
3	P	Chloromethane	0.729	0.609	16.5	95	0.00
4	C	Vinyl Chloride	0.833	0.740	11.2#	98	0.00
5	T	Bromomethane	0.621	0.531	14.5	97	0.00
6	T	Chloroethane	0.534	0.499	6.6	101	0.00
7	T	Trichlorofluoromethane	0.966	0.818	15.3	97	0.00
8	T	Diethyl Ether	0.288	0.250	13.2	90	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.559	0.519	7.2	98	0.01
10	T	Methyl Iodide	0.531	0.504	5.1	90	0.01
11	T	Tert butyl alcohol	0.037	0.029	21.6	87	0.01
12	CM	1,1-Dichloroethene	0.512	0.476	7.0#	97	0.00
13	T	Acrolein	0.058	0.044	24.1	76	0.00
14	T	Allyl chloride	0.774	0.729	5.8	95	0.01
15	T	Acrylonitrile	0.125	0.112	10.4	90	0.01
16	T	Acetone	0.158	0.115	27.2#	93	0.00
17	T	Carbon Disulfide	1.543	1.362	11.7	91	0.01
18	T	Methyl Acetate	0.500	0.484	3.2	94	0.00
19	T	Methyl tert-butyl Ether	1.249	1.126	9.8	90	0.02
20	T	Methylene Chloride	0.671	0.532	20.7	93	0.00
21	T	trans-1,2-Dichloroethene	0.592	0.558	5.7	96	0.00
22	T	Diisopropyl ether	1.708	1.659	2.9	95	0.01
23	T	Vinyl Acetate	0.829	0.745	10.1	90	0.01
24	P	1,1-Dichloroethane	1.042	0.972	6.7	96	0.01
25	T	2-Butanone	0.194	0.150	22.7	89	0.01
26	T	2,2-Dichloropropane	0.890	0.834	6.3	96	0.01
27	T	cis-1,2-Dichloroethene	0.656	0.618	5.8	95	0.01
28	T	Bromochloromethane	0.415	0.406	2.2	85	0.00
29	T	Tetrahydrofuran	0.099	0.091	8.1	89	0.00
30	C	Chloroform	1.061	1.000	5.7#	97	0.01
31	T	Cyclohexane	0.963	0.867	10.0	96	0.00
32	T	1,1,1-Trichloroethane	0.910	0.859	5.6	97	0.01
33	S	1,2-Dichloroethane-d4	0.487	0.478	1.8	93	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35	S	Dibromofluoromethane	0.302	0.315	-4.3	94	0.01
36	T	1,1-Dichloropropene	0.497	0.486	2.2	97	0.01
37	T	Ethyl Acetate	0.213	0.195	8.5	92	0.01
38	T	Carbon Tetrachloride	0.487	0.477	2.1	98	0.00
39	T	Methylcyclohexane	0.597	0.591	1.0	94	0.01
40	TM	Benzene	1.442	1.406	2.5	95	0.00
41	T	Methacrylonitrile	0.114	0.119	-4.4	112	0.01
42	TM	1,2-Dichloroethane	0.374	0.353	5.6	93	0.00
43	T	Isopropyl Acetate	0.399	0.367	8.0	88	0.00
44	TM	Trichloroethene	0.370	0.366	1.1	98	0.01
45	C	1,2-Dichloropropane	0.354	0.353	0.3#	97	0.00
46	T	Dibromomethane	0.188	0.176	6.4	92	0.01
47	T	Bromodichloromethane	0.478	0.466	2.5	94	0.00
48	T	Methyl methacrylate	0.221	0.209	5.4	88	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	100	0.00
50	S	Toluene-d8	1.140	1.195	-4.8	93	0.00
51	T	4-Methyl-2-Pentanone	0.212	0.200	5.7	90	0.00
52	CM	Toluene	0.873	0.875	-0.2#	96	0.00
53	T	t-1,3-Dichloropropene	0.437	0.428	2.1	93	0.01
54	T	cis-1,3-Dichloropropene	0.537	0.525	2.2	93	0.00
55	T	1,1,2-Trichloroethane	0.263	0.248	5.7	92	0.00
56	T	Ethyl methacrylate	0.230	0.219	4.8	88	0.00
57	T	1,3-Dichloropropane	0.444	0.425	4.3	92	0.00
58	T	2-Chloroethyl Vinyl ether	0.159	0.180	-13.2	95	0.01
59	T	2-Hexanone	0.162	0.142	12.3	90	0.00
60	T	Dibromochloromethane	0.305	0.294	3.6	94	0.00
61	T	1,2-Dibromoethane	0.239	0.227	5.0	93	0.00
62	S	4-Bromofluorobenzene	0.351	0.372	-6.0	93	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64	T	Tetrachloroethene	0.349	0.340	2.6	97	0.01
65	PM	Chlorobenzene	1.060	1.048	1.1	97	0.00
66	T	1,1,1,2-Tetrachloroethane	0.387	0.387	0.0	95	0.00
67	C	Ethyl Benzene	1.926	1.969	-2.2#	97	0.00
68	T	m/p-Xylenes	0.724	0.734	-1.4	96	0.00
69	T	o-Xylene	0.657	0.677	-3.0	96	0.00
70	T	Styrene	0.954	0.993	-4.1	95	0.00
71	P	Bromoform	0.194	0.190	2.1	94	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73	T	Isopropylbenzene	4.110	4.169	-1.4	97	0.00
74	T	N-amyl acetate	0.829	0.778	6.2	88	0.00
75	P	1,1,2,2-Tetrachloroethane	0.784	0.728	7.1	91	0.00
76	T	1,2,3-Trichloropropane	0.607	0.540	11.0	83	0.00
77	T	Bromobenzene	0.889	0.880	1.0	96	0.00
78	T	n-propylbenzene	4.944	5.101	-3.2	97	0.00
79	T	2-Chlorotoluene	2.713	2.719	-0.2	97	0.00
80	T	1,3,5-Trimethylbenzene	3.253	3.333	-2.5	97	0.00
81	T	trans-1,4-Dichloro-2-butene	0.234	0.212	9.4	90	0.00
82	T	4-Chlorotoluene	2.812	2.785	1.0	95	0.00
83	T	tert-Butylbenzene	2.814	2.858	-1.6	95	0.00
84	T	1,2,4-Trimethylbenzene	3.233	3.277	-1.4	96	0.00
85	T	sec-Butylbenzene	4.167	4.343	-4.2	97	0.00
86	T	p-Isopropyltoluene	3.471	3.640	-4.9	97	0.00
87	T	1,3-Dichlorobenzene	1.756	1.719	2.1	95	0.00
88	T	1,4-Dichlorobenzene	1.728	1.677	3.0	95	0.00
89	T	n-Butylbenzene	3.348	3.498	-4.5	97	0.00
90	T	Hexachloroethane	0.723	0.728	-0.7	98	0.00
91	T	1,2-Dichlorobenzene	1.500	1.464	2.4	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.100	0.088	12.0	88	0.00
93	T	1,2,4-Trichlorobenzene	0.784	0.745	5.0	92	0.00
94	T	Hexachlorobutadiene	0.472	0.456	3.4	96	0.00
95	T	Naphthalene	1.384	1.256	9.2	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.652	0.599	8.1	89	0.00

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