Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051823\
Data File : VY013811.D
Acq On : 18 May 2023 19:36
Operator : KP/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 19 03:23:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
Quant Title : SW846 8260
QLast Update : Thu May 18 06:54:18 2023
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	0.00
2	T	Dichlorodifluoromethane	0.359	0.363	-1.1	99	0.00
3	P	Chloromethane	0.544	0.443	18.6	82	0.00
4	C	Vinyl Chloride	0.543	0.462	14.9#	84	0.00
5	T	Bromomethane	0.482	0.351	27.2#	79	0.00
6	T	Chloroethane	0.374	0.302	19.3	82	0.00
7	T	Trichlorofluoromethane	0.791	0.823	-4.0	102	0.00
8	T	Diethyl Ether	0.265	0.252	4.9	90	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.463	0.426	8.0	92	0.00
10	T	Methyl Iodide	0.509	0.437	14.1	79	0.00
11	T	Tert butyl alcohol	0.047	0.051	-8.5	105	-0.01
12	CM	1,1-Dichloroethene	0.420	0.396	5.7#	91	0.00
13	T	Acrolein	0.084	0.066	21.4	75	0.00
14	T	Allyl chloride	0.827	0.734	11.2	84	0.00
15	T	Acrylonitrile	0.155	0.135	12.9	82	0.00
16	T	Acetone	0.175	0.126	28.0#	67	0.00
17	T	Carbon Disulfide	1.206	1.062	11.9	88	0.00
18	T	Methyl Acetate	0.611	0.511	16.4	80	0.00
19	T	Methyl tert-butyl Ether	1.273	1.223	3.9	88	0.00
20	T	Methylene Chloride	0.662	0.541	18.3	95	0.00
21	T	trans-1,2-Dichloroethene	0.472	0.453	4.0	92	0.00
22	T	Diisopropyl ether	1.758	1.602	8.9	84	0.00
23	T	Vinyl Acetate	1.017	0.917	9.8	81	0.00
24	P	1,1-Dichloroethane	0.961	0.878	8.6	88	0.00
25	T	2-Butanone	0.228	0.182	20.2	74	0.00
26	T	2,2-Dichloropropane	0.821	0.793	3.4	92	0.00
27	T	cis-1,2-Dichloroethene	0.557	0.544	2.3	92	0.00
28	T	Bromochloromethane	0.336	0.277	17.6	83	0.00
29	T	Tetrahydrofuran	0.136	0.115	15.4	77	0.00
30	C	Chloroform	0.969	0.940	3.0#	93	0.00
31	T	Cyclohexane	0.833	0.696	16.4	85	0.00
32	T	1,1,1-Trichloroethane	0.827	0.837	-1.2	97	0.00
33	S	1,2-Dichloroethane-d4	0.581	0.562	3.3	92	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35	S	Dibromofluoromethane	0.321	0.312	2.8	89	0.00
36	T	1,1-Dichloropropene	0.443	0.425	4.1	89	0.00
37	T	Ethyl Acetate	0.305	0.266	12.8	79	0.00
38	T	Carbon Tetrachloride	0.467	0.496	-6.2	100	0.00
39	T	Methylcyclohexane	0.504	0.478	5.2	89	0.00
40	TM	Benzene	1.287	1.255	2.5	91	0.00
41	T	Methacrylonitrile	0.151	0.154	-2.0	106	0.00
42	TM	1,2-Dichloroethane	0.416	0.433	-4.1	96	0.00
43	T	Isopropyl Acetate	0.553	0.489	11.6	79	0.00
44	TM	Trichloroethene	0.337	0.332	1.5	93	0.00
45	C	1,2-Dichloropropane	0.354	0.331	6.5#	86	0.00
46	T	Dibromomethane	0.198	0.190	4.0	87	0.00
47	T	Bromodichloromethane	0.469	0.470	-0.2	91	0.00
48	T	Methyl methacrylate	0.254	0.228	10.2	79	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	77	0.00
50	S	Toluene-d8	1.216	1.195	1.7	91	0.00
51	T	4-Methyl-2-Pentanone	0.308	0.273	11.4	78	0.00
52	CM	Toluene	0.780	0.783	-0.4#	91	0.00
53	T	t-1,3-Dichloropropene	0.484	0.475	1.9	89	0.00
54	T	cis-1,3-Dichloropropene	0.540	0.524	3.0	89	0.00
55	T	1,1,2-Trichloroethane	0.269	0.261	3.0	89	0.00
56	T	Ethyl methacrylate	0.360	0.349	3.1	83	0.00
57	T	1,3-Dichloropropane	0.464	0.450	3.0	89	0.00
58	T	2-Chloroethyl Vinyl ether	0.130	0.107	17.7	82	0.00
59	T	2-Hexanone	0.219	0.185	15.5	73	0.00
60	T	Dibromochloromethane	0.327	0.335	-2.4	93	0.00
61	T	1,2-Dibromoethane	0.254	0.244	3.9	87	0.00
62	S	4-Bromofluorobenzene	0.404	0.402	0.5	90	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64	T	Tetrachloroethene	0.317	0.318	-0.3	95	0.00
65	PM	Chlorobenzene	0.946	0.949	-0.3	94	0.00
66	T	1,1,1,2-Tetrachloroethane	0.368	0.377	-2.4	94	0.00
67	C	Ethyl Benzene	1.682	1.702	-1.2#	92	0.00
68	T	m/p-Xylenes	0.630	0.645	-2.4	92	0.00
69	T	o-Xylene	0.599	0.617	-3.0	93	0.00
70	T	Styrene	1.018	1.073	-5.4	94	0.00
71	P	Bromoform	0.243	0.244	-0.4	90	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73	T	Isopropylbenzene	3.385	3.393	-0.2	92	0.00
74	T	N-amyl acetate	1.149	0.988	14.0	77	0.00
75	P	1,1,2,2-Tetrachloroethane	0.802	0.712	11.2	82	0.00
76	T	1,2,3-Trichloropropane	0.605	0.589	2.6	91	0.00
77	T	Bromobenzene	0.817	0.827	-1.2	95	0.00
78	T	n-propylbenzene	4.170	4.168	0.0	91	0.00
79	T	2-Chlorotoluene	2.353	2.331	0.9	92	0.00
80	T	1,3,5-Trimethylbenzene	2.760	2.818	-2.1	94	0.00
81	T	trans-1,4-Dichloro-2-butene	0.272	0.242	11.0	80	0.00
82	T	4-Chlorotoluene	2.451	2.423	1.1	92	0.00
83	T	tert-Butylbenzene	2.404	2.516	-4.7	97	0.00
84	T	1,2,4-Trimethylbenzene	2.705	2.778	-2.7	94	0.00
85	T	sec-Butylbenzene	3.627	3.631	-0.1	93	0.00
86	T	p-Isopropyltoluene	2.928	2.996	-2.3	94	0.00
87	T	1,3-Dichlorobenzene	1.590	1.599	-0.6	95	0.00
88	T	1,4-Dichlorobenzene	1.598	1.558	2.5	93	0.00
89	T	n-Butylbenzene	2.871	2.814	2.0	91	0.00
90	T	Hexachloroethane	0.619	0.592	4.4	92	0.00
91	T	1,2-Dichlorobenzene	1.416	1.433	-1.2	94	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.130	0.118	9.2	84	0.00
93	T	1,2,4-Trichlorobenzene	0.840	0.842	-0.2	97	0.00
94	T	Hexachlorobutadiene	0.522	0.517	1.0	98	0.00
95	T	Naphthalene	1.667	1.652	0.9	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.756	0.755	0.1	97	0.00

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