Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071823\
Data File : VD076766.D
Acq On : 18 Jul 2023 09:13
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jul 19 06:39:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 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	116	0.00
2	T	Dichlorodifluoromethane	0.391	0.378	3.3	112	0.00
3	P	Chloromethane	0.674	0.569	15.6	96	0.00
4	C	Vinyl Chloride	0.899	0.834	7.2#	107	0.00
5	T	Bromomethane	0.740	0.625	15.5	103	0.00
6	T	Chloroethane	0.679	0.599	11.8	101	0.00
7	T	Trichlorofluoromethane	0.800	0.786	1.8	117	0.00
8	T	Diethyl Ether	0.275	0.240	12.7	92	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.526	0.527	-0.2	118	0.00
10	T	Methyl Iodide	0.593	0.549	7.4	100	0.00
11	T	Tert butyl alcohol	0.037	0.032	13.5	99	0.01
12	CM	1,1-Dichloroethene	0.494	0.459	7.1#	108	0.00
13	T	Acrolein	0.025	0.022	12.0	110	0.00
14	T	Allyl chloride	0.649	0.567	12.6	97	0.00
15	T	Acrylonitrile	0.135	0.112	17.0	91	0.00
16	T	Acetone	0.119	0.120	-0.8	113	0.00
17	T	Carbon Disulfide	1.154	1.037	10.1	100	0.00
18	T	Methyl Acetate	0.447	0.386	13.6	96	0.00
19	T	Methyl tert-butyl Ether	1.325	1.139	14.0	94	0.00
20	T	Methylene Chloride	0.984	0.628	36.2#	99	0.00
21	T	trans-1,2-Dichloroethene	0.574	0.510	11.1	98	0.00
22	T	Diisopropyl ether	1.537	1.333	13.3	95	0.00
23	T	Vinyl Acetate	0.760	0.635	16.4	90	0.00
24	P	1,1-Dichloroethane	1.036	0.936	9.7	101	0.00
25	T	2-Butanone	0.159	0.148	6.9	101	0.00
26	T	2,2-Dichloropropane	0.893	0.848	5.0	110	0.00
27	T	cis-1,2-Dichloroethene	0.708	0.643	9.2	102	0.00
28	T	Bromochloromethane	0.259	0.215	17.0	101	0.00
29	T	Tetrahydrofuran	0.094	0.080	14.9	95	0.00
30	C	Chloroform	1.135	1.047	7.8#	107	0.00
31	T	Cyclohexane	0.733	0.685	6.5	117	0.00
32	T	1,1,1-Trichloroethane	0.916	0.900	1.7	111	0.00
33	S	1,2-Dichloroethane-d4	0.498	0.417	16.3	103	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
35	S	Dibromofluoromethane	0.314	0.285	9.2	106	0.00
36	T	1,1-Dichloropropene	0.411	0.413	-0.5	109	0.00
37	T	Ethyl Acetate	0.184	0.164	10.9	89	0.00
38	T	Carbon Tetrachloride	0.393	0.415	-5.6	115	0.00
39	T	Methylcyclohexane	0.474	0.487	-2.7	111	0.00
40	TM	Benzene	1.295	1.232	4.9	103	0.00
41	T	Methacrylonitrile	0.112	0.098	12.5	95	0.00
42	TM	1,2-Dichloroethane	0.337	0.322	4.5	101	0.00
43	T	Isopropyl Acetate	0.358	0.321	10.3	94	0.00
44	TM	Trichloroethene	0.353	0.338	4.2	103	0.00
45	C	1,2-Dichloropropane	0.334	0.318	4.8#	96	0.00
46	T	Dibromomethane	0.196	0.182	7.1	94	0.00
47	T	Bromodichloromethane	0.491	0.458	6.7	96	0.00
48	T	Methyl methacrylate	0.163	0.143	12.3	88	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.002	33.3#	98	0.01
50	S	Toluene-d8	1.124	1.015	9.7	105	0.00
51	T	4-Methyl-2-Pentanone	0.191	0.176	7.9	92	0.00
52	CM	Toluene	0.851	0.806	5.3#	99	0.00
53	T	t-1,3-Dichloropropene	0.456	0.425	6.8	94	0.00
54	T	cis-1,3-Dichloropropene	0.537	0.492	8.4	94	0.00
55	T	1,1,2-Trichloroethane	0.286	0.264	7.7	95	0.00
56	T	Ethyl methacrylate	0.330	0.299	9.4	89	0.00
57	T	1,3-Dichloropropane	0.465	0.425	8.6	95	0.00
58	T	2-Chloroethyl Vinyl ether	0.128	0.103	19.5	87	0.00
59	T	2-Hexanone	0.136	0.129	5.1	94	0.00
60	T	Dibromochloromethane	0.332	0.328	1.2	100	0.00
61	T	1,2-Dibromoethane	0.265	0.239	9.8	90	0.00
62	S	4-Bromofluorobenzene	0.364	0.329	9.6	102	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64	T	Tetrachloroethene	0.285	0.304	-6.7	107	0.00
65	PM	Chlorobenzene	1.006	0.990	1.6	97	0.00
66	T	1,1,1,2-Tetrachloroethane	0.374	0.370	1.1	98	0.00
67	C	Ethyl Benzene	1.766	1.786	-1.1#	99	0.00
68	T	m/p-Xylenes	0.678	0.693	-2.2	100	0.00
69	T	o-Xylene	0.656	0.661	-0.8	98	0.00
70	T	Styrene	1.148	1.153	-0.4	97	0.00
71	P	Bromoform	0.205	0.208	-1.5	96	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73	T	Isopropylbenzene	3.628	3.709	-2.2	101	0.00
74	T	N-amyl acetate	0.764	0.703	8.0	91	0.00
75	P	1,1,2,2-Tetrachloroethane	0.779	0.744	4.5	93	0.00
76	T	1,2,3-Trichloropropane	0.475	0.478	-0.6	96	0.00
77	T	Bromobenzene	0.837	0.817	2.4	95	0.00
78	T	n-propylbenzene	4.398	4.586	-4.3	103	0.00
79	T	2-Chlorotoluene	2.411	2.436	-1.0	99	0.00
80	T	1,3,5-Trimethylbenzene	2.933	3.010	-2.6	100	0.00
81	T	trans-1,4-Dichloro-2-butene	0.223	0.213	4.5	89	0.00
82	T	4-Chlorotoluene	2.519	2.530	-0.4	98	0.00
83	T	tert-Butylbenzene	2.583	2.727	-5.6	102	0.00
84	T	1,2,4-Trimethylbenzene	2.997	3.007	-0.3	97	0.00
85	T	sec-Butylbenzene	3.946	4.229	-7.2	106	0.00
86	T	p-Isopropyltoluene	3.259	3.439	-5.5	103	0.00
87	T	1,3-Dichlorobenzene	1.722	1.726	-0.2	98	0.00
88	T	1,4-Dichlorobenzene	1.687	1.656	1.8	97	0.00
89	T	n-Butylbenzene	3.189	3.329	-4.4	104	0.00
90	T	Hexachloroethane	0.602	0.665	-10.5	107	0.00
91	T	1,2-Dichlorobenzene	1.518	1.470	3.2	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.111	0.096	13.5	89	0.00
93	T	1,2,4-Trichlorobenzene	0.927	0.894	3.6	95	0.00
94	T	Hexachlorobutadiene	0.446	0.465	-4.3	104	0.00
95	T	Naphthalene	2.006	1.872	6.7	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.831	0.800	3.7	95	0.00

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