Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030823\
Data File : VD075476.D
Acq On : 08 Mar 2023 18:28
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Mar 09 02:18:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030723S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 08 12:19:57 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	88	0.00
2	T	Dichlorodifluoromethane	0.493	0.449	8.9	84	0.00
3	P	Chloromethane	0.821	0.799	2.7	88	0.00
4	C	Vinyl Chloride	1.181	1.154	2.3#	87	0.00
5	T	Bromomethane	0.953	0.916	3.9	87	0.00
6	T	Chloroethane	0.783	0.782	0.1	89	0.00
7	T	Trichlorofluoromethane	0.923	0.908	1.6	89	0.00
8	T	Diethyl Ether	0.249	0.251	-0.8	89	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.604	0.588	2.6	88	0.00
10	T	Methyl Iodide	0.667	0.730	-9.4	91	0.00
11	T	Tert butyl alcohol	0.021	0.016	23.8	69	-0.02
12	CM	1,1-Dichloroethene	0.596	0.581	2.5#	86	0.00
13	T	Acrolein	0.048	0.043	10.4	80	0.00
14	T	Allyl chloride	0.525	0.516	1.7	85	0.00
15	T	Acrylonitrile	0.092	0.093	-1.1	87	0.00
16	T	Acetone	0.081	0.073	9.9	76	0.00
17	T	Carbon Disulfide	1.902	1.866	1.9	88	0.00
18	T	Methyl Acetate	0.242	0.230	5.0	84	0.00
19	T	Methyl tert-butyl Ether	1.017	1.068	-5.0	91	0.00
20	T	Methylene Chloride	0.799	0.711	11.0	94	0.00
21	T	trans-1,2-Dichloroethene	0.666	0.685	-2.9	89	0.00
22	T	Diisopropyl ether	1.111	1.183	-6.5	90	0.00
23	T	Vinyl Acetate	0.547	0.571	-4.4	89	0.00
24	P	1,1-Dichloroethane	0.961	0.982	-2.2	90	0.00
25	T	2-Butanone	0.104	0.098	5.8	84	0.00
26	T	2,2-Dichloropropane	0.869	0.866	0.3	88	0.00
27	T	cis-1,2-Dichloroethene	0.716	0.750	-4.7	91	0.00
28	T	Bromochloromethane	0.321	0.338	-5.3	88	0.00
29	T	Tetrahydrofuran	0.058	0.056	3.4	84	0.00
30	C	Chloroform	1.045	1.102	-5.5#	93	0.00
31	T	Cyclohexane	0.803	0.777	3.2	87	0.00
32	T	1,1,1-Trichloroethane	0.925	0.967	-4.5	93	0.00
33	S	1,2-Dichloroethane-d4	0.380	0.365	3.9	96	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35	S	Dibromofluoromethane	0.290	0.289	0.3	95	0.00
36	T	1,1-Dichloropropene	0.489	0.517	-5.7	93	0.00
37	T	Ethyl Acetate	0.126	0.127	-0.8	90	0.00
38	T	Carbon Tetrachloride	0.453	0.467	-3.1	91	0.00
39	T	Methylcyclohexane	0.613	0.641	-4.6	90	0.00
40	TM	Benzene	1.421	1.498	-5.4	91	0.00
41	T	Methacrylonitrile	0.067	0.065	3.0	88	0.00
42	TM	1,2-Dichloroethane	0.319	0.333	-4.4	92	0.00
43	T	Isopropyl Acetate	0.241	0.248	-2.9	92	0.00
44	TM	Trichloroethene	0.420	0.428	-1.9	90	0.00
45	C	1,2-Dichloropropane	0.313	0.327	-4.5#	90	0.00
46	T	Dibromomethane	0.189	0.202	-6.9	93	0.00
47	T	Bromodichloromethane	0.456	0.485	-6.4	92	0.00
48	T	Methyl methacrylate	0.114	0.116	-1.8	88	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.001	50.0#	69	0.00
50	S	Toluene-d8	1.049	1.011	3.6	95	0.00
51	T	4-Methyl-2-Pentanone	0.123	0.124	-0.8	89	0.00
52	CM	Toluene	0.921	1.002	-8.8#	93	0.00
53	T	t-1,3-Dichloropropene	0.414	0.444	-7.2	91	0.00
54	T	cis-1,3-Dichloropropene	0.510	0.543	-6.5	92	0.00
55	T	1,1,2-Trichloroethane	0.264	0.278	-5.3	94	0.00
56	T	Ethyl methacrylate	0.262	0.279	-6.5	90	0.00
57	T	1,3-Dichloropropane	0.419	0.443	-5.7	94	0.00
58	T	2-Chloroethyl Vinyl ether	0.129	0.142	-10.1	94	0.00
59	T	2-Hexanone	0.087	0.086	1.1	85	0.00
60	T	Dibromochloromethane	0.315	0.336	-6.7	93	0.00
61	T	1,2-Dibromoethane	0.249	0.264	-6.0	94	0.00
62	S	4-Bromofluorobenzene	0.317	0.330	-4.1	97	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64	T	Tetrachloroethene	0.381	0.375	1.6	89	0.00
65	PM	Chlorobenzene	1.114	1.150	-3.2	93	0.00
66	T	1,1,1,2-Tetrachloroethane	0.378	0.390	-3.2	92	0.00
67	C	Ethyl Benzene	1.902	2.009	-5.6#	92	0.00
68	T	m/p-Xylenes	0.775	0.826	-6.6	92	0.00
69	T	o-Xylene	0.704	0.750	-6.5	93	0.00
70	T	Styrene	1.194	1.305	-9.3	93	0.00
71	P	Bromoform	0.195	0.201	-3.1	93	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73	T	Isopropylbenzene	3.724	3.796	-1.9	93	0.00
74	T	N-amyl acetate	0.477	0.467	2.1	91	0.00
75	P	1,1,2,2-Tetrachloroethane	0.636	0.616	3.1	94	0.00
76	T	1,2,3-Trichloropropane	0.396	0.384	3.0	96	0.00
77	T	Bromobenzene	0.873	0.870	0.3	93	0.00
78	T	n-propylbenzene	4.513	4.610	-2.1	93	0.00
79	T	2-Chlorotoluene	2.439	2.421	0.7	92	0.00
80	T	1,3,5-Trimethylbenzene	3.043	3.119	-2.5	92	0.00
81	T	trans-1,4-Dichloro-2-butene	0.191	0.181	5.2	87	0.00
82	T	4-Chlorotoluene	2.527	2.496	1.2	92	0.00
83	T	tert-Butylbenzene	2.609	2.668	-2.3	93	0.00
84	T	1,2,4-Trimethylbenzene	2.996	3.106	-3.7	92	0.00
85	T	sec-Butylbenzene	4.053	4.105	-1.3	91	0.00
86	T	p-Isopropyltoluene	3.369	3.502	-3.9	92	0.00
87	T	1,3-Dichlorobenzene	1.814	1.833	-1.0	92	0.00
88	T	1,4-Dichlorobenzene	1.788	1.782	0.3	93	0.00
89	T	n-Butylbenzene	3.130	3.101	0.9	89	0.00
90	T	Hexachloroethane	0.654	0.636	2.8	91	0.00
91	T	1,2-Dichlorobenzene	1.552	1.534	1.2	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.083	0.081	2.4	93	0.00
93	T	1,2,4-Trichlorobenzene	0.874	0.839	4.0	89	0.00
94	T	Hexachlorobutadiene	0.442	0.404	8.6	84	0.00
95	T	Naphthalene	1.641	1.581	3.7	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.758	0.713	5.9	89	0.00

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