Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092722\
Data File : VD074448.D
Acq On : 27 Sep 2022 16:36
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Sep 28 04:41:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 03:19:14 2022
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	90	0.00
2	T	Dichlorodifluoromethane	0.411	0.400	2.7	97	0.00
3	P	Chloromethane	0.408	0.401	1.7	103	0.00
4	C	Vinyl Chloride	0.352	0.367	-4.3#	102	0.00
5	T	Bromomethane	0.271	0.234	13.7	100	0.00
6	T	Chloroethane	0.241	0.257	-6.6	98	0.00
7	T	Trichlorofluoromethane	0.812	0.784	3.4	92	0.00
8	T	Diethyl Ether	0.239	0.237	0.8	90	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.551	0.519	5.8	87	-0.01
10	T	Methyl Iodide	0.480	0.477	0.6	84	0.00
11	T	Tert butyl alcohol	0.080	0.039	51.2#	82	0.00
12	CM	1,1-Dichloroethene	0.520	0.470	9.6#	84	0.00
13	T	Acrolein	0.030	0.022	26.7#	75	0.00
14	T	Allyl chloride	0.536	0.487	9.1	82	0.00
15	T	Acrylonitrile	0.102	0.099	2.9	86	0.00
16	T	Acetone	0.084	0.070	16.7	81	0.00
17	T	Carbon Disulfide	1.188	1.023	13.9	82	0.00
18	T	Methyl Acetate	0.270	0.213	21.1	82	-0.01
19	T	Methyl tert-butyl Ether	1.118	1.098	1.8	86	0.00
20	T	Methylene Chloride	0.823	0.646	21.5	91	0.00
21	T	trans-1,2-Dichloroethene	0.553	0.527	4.7	87	0.00
22	T	Diisopropyl ether	1.226	1.193	2.7	86	0.00
23	T	Vinyl Acetate	0.521	0.521	0.0	83	0.00
24	P	1,1-Dichloroethane	0.924	0.878	5.0	86	0.00
25	T	2-Butanone	0.114	0.109	4.4	85	0.00
26	T	2,2-Dichloropropane	0.859	0.795	7.5	85	0.00
27	T	cis-1,2-Dichloroethene	0.656	0.638	2.7	87	0.00
28	T	Bromochloromethane	0.294	0.293	0.3	87	0.00
29	T	Tetrahydrofuran	0.065	0.064	1.5	84	0.00
30	C	Chloroform	1.039	1.003	3.5#	87	0.00
31	T	Cyclohexane	0.731	0.641	12.3	87	0.00
32	T	1,1,1-Trichloroethane	0.892	0.891	0.1	89	0.00
33	S	1,2-Dichloroethane-d4	0.430	0.388	9.8	83	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35	S	Dibromofluoromethane	0.369	0.312	15.4	87	0.00
36	T	1,1-Dichloropropene	0.454	0.431	5.1	86	0.00
37	T	Ethyl Acetate	0.150	0.148	1.3	83	0.00
38	T	Carbon Tetrachloride	0.435	0.458	-5.3	93	0.00
39	T	Methylcyclohexane	0.538	0.518	3.7	89	0.00
40	TM	Benzene	1.340	1.334	0.4	89	0.00
41	T	Methacrylonitrile	0.090	0.087	3.3	87	-0.01
42	TM	1,2-Dichloroethane	0.336	0.325	3.3	88	0.00
43	T	Isopropyl Acetate	0.291	0.286	1.7	86	0.00
44	TM	Trichloroethene	0.410	0.406	1.0	90	0.00
45	C	1,2-Dichloropropane	0.318	0.309	2.8#	87	0.00
46	T	Dibromomethane	0.188	0.194	-3.2	91	0.00
47	T	Bromodichloromethane	0.486	0.482	0.8	88	0.00
48	T	Methyl methacrylate	0.130	0.137	-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	90	0.00
50	S	Toluene-d8	1.137	1.163	-2.3	93	0.00
51	T	4-Methyl-2-Pentanone	0.149	0.155	-4.0	92	0.00
52	CM	Toluene	0.866	0.884	-2.1#	92	0.00
53	T	t-1,3-Dichloropropene	0.404	0.422	-4.5	95	0.00
54	T	cis-1,3-Dichloropropene	0.515	0.510	1.0	88	0.00
55	T	1,1,2-Trichloroethane	0.261	0.272	-4.2	92	0.00
56	T	Ethyl methacrylate	0.293	0.301	-2.7	89	0.00
57	T	1,3-Dichloropropane	0.426	0.434	-1.9	95	0.00
58	T	2-Chloroethyl Vinyl ether	0.047	0.044	6.4	86	0.00
59	T	2-Hexanone	0.101	0.104	-3.0	90	0.00
60	T	Dibromochloromethane	0.327	0.343	-4.9	94	0.00
61	T	1,2-Dibromoethane	0.254	0.259	-2.0	93	0.00
62	S	4-Bromofluorobenzene	0.457	0.380	16.8	93	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64	T	Tetrachloroethene	0.388	0.378	2.6	101	0.00
65	PM	Chlorobenzene	1.083	1.104	-1.9	97	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.403	-2.8	95	0.00
67	C	Ethyl Benzene	1.905	1.942	-1.9#	95	0.00
68	T	m/p-Xylenes	0.748	0.774	-3.5	94	0.00
69	T	o-Xylene	0.693	0.745	-7.5	99	0.00
70	T	Styrene	1.209	1.273	-5.3	94	0.00
71	P	Bromoform	0.216	0.234	-8.3	97	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73	T	Isopropylbenzene	3.712	3.761	-1.3	95	0.00
74	T	N-amyl acetate	0.585	0.567	3.1	90	0.00
75	P	1,1,2,2-Tetrachloroethane	0.648	0.637	1.7	94	0.00
76	T	1,2,3-Trichloropropane	0.391	0.491	-25.6#	128	0.00
77	T	Bromobenzene	0.879	0.889	-1.1	97	0.00
78	T	n-propylbenzene	4.466	4.486	-0.4	95	0.00
79	T	2-Chlorotoluene	2.410	2.424	-0.6	94	0.00
80	T	1,3,5-Trimethylbenzene	3.071	3.151	-2.6	97	0.00
81	T	trans-1,4-Dichloro-2-butene	0.160	0.165	-3.1	98	0.00
82	T	4-Chlorotoluene	2.471	2.482	-0.4	95	0.00
83	T	tert-Butylbenzene	2.779	2.835	-2.0	96	0.00
84	T	1,2,4-Trimethylbenzene	3.057	3.097	-1.3	94	0.00
85	T	sec-Butylbenzene	4.159	4.214	-1.3	96	0.00
86	T	p-Isopropyltoluene	3.476	3.583	-3.1	96	0.00
87	T	1,3-Dichlorobenzene	1.805	1.844	-2.2	97	0.00
88	T	1,4-Dichlorobenzene	1.807	1.847	-2.2	96	0.00
89	T	n-Butylbenzene	3.223	3.290	-2.1	96	0.00
90	T	Hexachloroethane	0.615	0.615	0.0	96	0.00
91	T	1,2-Dichlorobenzene	1.574	1.619	-2.9	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.081	0.084	-3.7	90	0.00
93	T	1,2,4-Trichlorobenzene	1.066	1.061	0.5	98	0.00
94	T	Hexachlorobutadiene	0.584	0.599	-2.6	103	0.00
95	T	Naphthalene	1.941	1.929	0.6	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.914	0.910	0.4	96	0.00

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