Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
Data File : VY010522.D
Acq On : 15 Sep 2022 19:33
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Sep 16 02:57:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 09 17:08:30 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	82	0.00
2	T	Dichlorodifluoromethane	0.383	0.348	9.1	83	0.00
3	P	Chloromethane	0.562	0.513	8.7	80	0.00
4	C	Vinyl Chloride	0.693	0.670	3.3#	83	0.00
5	T	Bromomethane	0.486	0.439	9.7	80	0.00
6	T	Chloroethane	0.464	0.461	0.6	85	0.00
7	T	Trichlorofluoromethane	0.878	0.873	0.6	84	0.00
8	T	Diethyl Ether	0.284	0.292	-2.8	88	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.514	0.517	-0.6	85	0.00
10	T	Methyl Iodide	0.636	0.624	1.9	78	0.00
11	T	Tert butyl alcohol	0.068	0.051	25.0#	85	0.00
12	CM	1,1-Dichloroethene	0.482	0.469	2.7#	82	0.00
13	T	Acrolein	0.048	0.045	6.3	78	0.00
14	T	Allyl chloride	0.694	0.696	-0.3	83	0.00
15	T	Acrylonitrile	0.138	0.154	-11.6	94	0.00
16	T	Acetone	0.116	0.114	1.7	85	0.00
17	T	Carbon Disulfide	1.304	1.113	14.6	73	0.00
18	T	Methyl Acetate	0.356	0.364	-2.2	92	0.00
19	T	Methyl tert-butyl Ether	1.332	1.402	-5.3	88	0.00
20	T	Methylene Chloride	0.705	0.720	-2.1	105	0.00
21	T	trans-1,2-Dichloroethene	0.547	0.532	2.7	83	0.00
22	T	Diisopropyl ether	1.550	1.626	-4.9	88	0.00
23	T	Vinyl Acetate	0.950	1.033	-8.7	88	0.00
24	P	1,1-Dichloroethane	0.938	0.989	-5.4	87	0.00
25	T	2-Butanone	0.184	0.196	-6.5	92	0.00
26	T	2,2-Dichloropropane	0.896	0.876	2.2	84	0.00
27	T	cis-1,2-Dichloroethene	0.636	0.656	-3.1	86	0.00
28	T	Bromochloromethane	0.301	0.309	-2.7	79	0.00
29	T	Tetrahydrofuran	0.115	0.124	-7.8	93	0.00
30	C	Chloroform	0.995	1.062	-6.7#	89	0.00
31	T	Cyclohexane	0.851	0.784	7.9	81	0.00
32	T	1,1,1-Trichloroethane	0.901	0.953	-5.8	87	0.00
33	S	1,2-Dichloroethane-d4	0.504	0.518	-2.8	85	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35	S	Dibromofluoromethane	0.355	0.323	9.0	85	0.00
36	T	1,1-Dichloropropene	0.486	0.474	2.5	84	0.00
37	T	Ethyl Acetate	0.256	0.276	-7.8	94	0.00
38	T	Carbon Tetrachloride	0.541	0.541	0.0	84	0.00
39	T	Methylcyclohexane	0.606	0.574	5.3	81	0.00
40	TM	Benzene	1.399	1.397	0.1	85	0.00
41	T	Methacrylonitrile	0.146	0.165	-13.0	95	0.02
42	TM	1,2-Dichloroethane	0.416	0.426	-2.4	87	0.00
43	T	Isopropyl Acetate	0.468	0.500	-6.8	91	0.00
44	TM	Trichloroethene	0.412	0.402	2.4	83	0.00
45	C	1,2-Dichloropropane	0.341	0.355	-4.1#	88	0.00
46	T	Dibromomethane	0.206	0.212	-2.9	88	0.00
47	T	Bromodichloromethane	0.489	0.517	-5.7	88	0.00
48	T	Methyl methacrylate	0.210	0.227	-8.1	90	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	89	0.00
50	S	Toluene-d8	1.151	1.167	-1.4	82	0.00
51	T	4-Methyl-2-Pentanone	0.257	0.284	-10.5	94	0.00
52	CM	Toluene	0.916	0.912	0.4#	85	0.00
53	T	t-1,3-Dichloropropene	0.503	0.518	-3.0	87	0.00
54	T	cis-1,3-Dichloropropene	0.567	0.581	-2.5	86	0.00
55	T	1,1,2-Trichloroethane	0.293	0.306	-4.4	89	0.00
56	T	Ethyl methacrylate	0.385	0.408	-6.0	89	0.00
57	T	1,3-Dichloropropane	0.487	0.512	-5.1	89	0.00
58	T	2-Chloroethyl Vinyl ether	0.131	0.113	13.7	101	0.00
59	T	2-Hexanone	0.175	0.196	-12.0	94	0.00
60	T	Dibromochloromethane	0.358	0.372	-3.9	87	0.00
61	T	1,2-Dibromoethane	0.284	0.291	-2.5	88	0.00
62	S	4-Bromofluorobenzene	0.528	0.426	19.3	85	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
64	T	Tetrachloroethene	0.451	0.432	4.2	83	0.00
65	PM	Chlorobenzene	1.118	1.113	0.4	86	0.00
66	T	1,1,1,2-Tetrachloroethane	0.414	0.429	-3.6	87	0.00
67	C	Ethyl Benzene	1.979	1.981	-0.1#	86	0.00
68	T	m/p-Xylenes	0.777	0.761	2.1	84	0.00
69	T	o-Xylene	0.742	0.745	-0.4	86	0.00
70	T	Styrene	1.256	1.264	-0.6	86	0.00
71	P	Bromoform	0.259	0.265	-2.3	87	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73	T	Isopropylbenzene	3.901	3.796	2.7	86	0.00
74	T	N-amyl acetate	0.910	0.944	-3.7	90	0.00
75	P	1,1,2,2-Tetrachloroethane	0.730	0.752	-3.0	93	0.00
76	T	1,2,3-Trichloropropane	0.552	0.555	-0.5	92	0.00
77	T	Bromobenzene	0.924	0.877	5.1	84	0.00
78	T	n-propylbenzene	4.620	4.517	2.2	87	0.00
79	T	2-Chlorotoluene	2.595	2.538	2.2	87	0.00
80	T	1,3,5-Trimethylbenzene	3.292	3.206	2.6	87	0.00
81	T	trans-1,4-Dichloro-2-butene	0.249	0.253	-1.6	90	0.00
82	T	4-Chlorotoluene	2.700	2.614	3.2	87	0.00
83	T	tert-Butylbenzene	2.877	2.858	0.7	87	0.00
84	T	1,2,4-Trimethylbenzene	3.221	3.207	0.4	89	0.00
85	T	sec-Butylbenzene	4.260	4.183	1.8	86	0.00
86	T	p-Isopropyltoluene	3.603	3.546	1.6	86	0.00
87	T	1,3-Dichlorobenzene	1.856	1.759	5.2	85	0.00
88	T	1,4-Dichlorobenzene	1.838	1.746	5.0	85	0.00
89	T	n-Butylbenzene	3.271	3.271	0.0	88	0.00
90	T	Hexachloroethane	0.677	0.659	2.7	87	0.00
91	T	1,2-Dichlorobenzene	1.644	1.580	3.9	86	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.123	0.132	-7.3	101	0.00
93	T	1,2,4-Trichlorobenzene	1.021	0.997	2.4	87	0.00
94	T	Hexachlorobutadiene	0.616	0.600	2.6	88	0.00
95	T	Naphthalene	2.014	2.168	-7.6	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.891	0.875	1.8	89	0.00

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